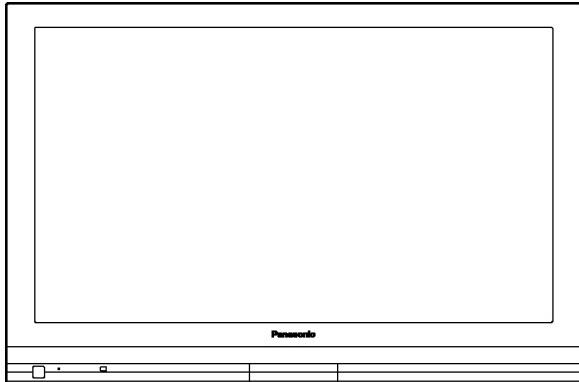


# Service Manual

High Definition Plasma Television



**TH-50PX75U**

GP10DHU Chassis

## Specifications

<b>Power Source</b>	AC 120 V, 60 Hz	
<b>Power Consumption</b>		
<b>Maximum</b>	499 W	
<b>Standby condition</b>	0.2 W	
<b>Plasma Display panel</b>		
<b>Drive method</b>	AC type	
<b>Aspect Ratio</b>	16 : 9	
<b>Contrast Ratio</b>	(max) 10000 : 1	
<b>Visible screen size (W × H × Diagonal)</b>	127 cm	
(b) <b>No. of pixels</b>	43.6 " × 24.5 " × 50.0 " (1,106 mm × 622 mm × 1,269 mm) 1,049,088 (1,366 (W) × 768 (H)) [4,098 × 768 dots]	
<b>Sound</b>		
<b>Audio Output</b>	20 W [10 W + 10 W] (10 % THD)	
<b>Channel Capability (Digital/Analog)</b>	VHF/UHF: 2 - 69, CATV: 1 - 135	
<b>Operating Conditions</b>	Temperature: 32 °F - 104 °F (0 °C - 40 °C) Humidity: 20 % - 80 % RH (non-condensing)	
<b>Connection Terminals</b>		
<b>INPUT 1-2</b>	VIDEO: S-VIDEO: AUDIO L-R:	RCA PIN Type × 1 1.0 V [p-p] (75 ohm) Mini DIN 4-pin Y: 1.0 V [p-p] (75 ohm) C: 0.286 V [p-p] (75 ohm) RCA PIN Type × 2 0.5 V [rms]
<b>COMPONENT VIDEO</b>	Y:	1.0 V [p-p] (including synchronization)
<b>INPUT 1-2</b>	P <sub>B</sub> , P <sub>R</sub> :	± 0.35 V [p-p]
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
<b>HDMI 1-2 AUDIO IN</b>	TYPE A Connector × 2	
	AUDIO L-R:	RCA PIN Type × 2 0.5 V [rms]
<b>Card slot</b>	SD CARD slot × 1	
<b>AV PROG. OUT</b>	VIDEO: AUDIO L-R:	RCA PIN Type × 1 1.0 V [p-p] (75 ohm) RCA PIN Type × 2 0.5 V [rms]

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<b>DIGITAL AUDIO OUT</b>	PCM/Dolby Digital, Fiber Optic
<b>FEATURES</b>	
3D Y/C FILTER	
CLOSED CAPTION	V-Chip
Photo Viewer	HDAVI Control 2
<b>Dimensions (W × H × D)</b>	
<b>Including pedestal</b>	47.7 " × 33.1 " × 14.6 " (1,210 mm × 839 mm × 369 mm)
<b>TV Set only</b>	47.7 " × 31.3 " × 3.8 " (1,210 mm × 793 mm × 97 mm)
<b>Weight</b>	
<b>Including pedestal</b>	99.2 lb. (45 kg)
<b>TV Set only</b>	83.8 lb. (38 kg)

**Note:**

- Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

 **WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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# 1 Applicable signals

\* Mark: Applicable input signal for Component (Y, P<sub>B</sub>, P<sub>R</sub>), HDMI

	horizontal frequency (kHz)	vertical frequency (Hz)	COMPONENT	HDMI
525 (480) / 60i	15.73	59.94	*	*
525 (480) /60p	31.47	59.94	*	*
750 (720) /60p	45.00	59.94	*	*
1,125 (1,080) /60i	33.75	59.94	*	*
1,125 (1,080) /60p	67.43	59.94		*
1,125 (1,080) /60p	67.50	60.00		*

**Note** • Signals other than those shown above may not be displayed properly.  
 • The above signals are reformatted for optimal viewing on your display.

## 2 Safety Precautions

### 2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

#### 2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1Mohm and 5.2Mohm.

When the exposed metal does not have a return path to the chassis, the reading must be  $\infty$ .

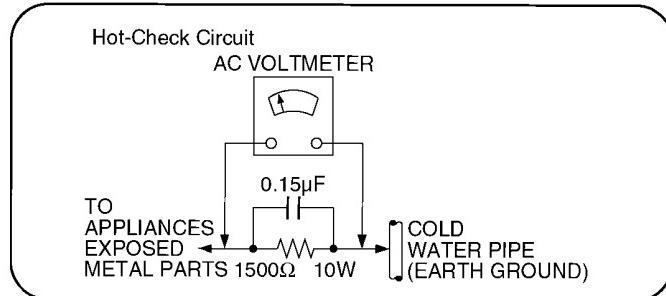


Figure 1

#### 2.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a  $1.5\text{kohm}$ ,  $10$  watts resistor, in parallel with a  $0.15\mu F$  capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with  $1000$  ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed  $0.75$  volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed  $1/2$  milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

### 3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

#### Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise ham less motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

#### IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety.

These parts are marked by  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

## 4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

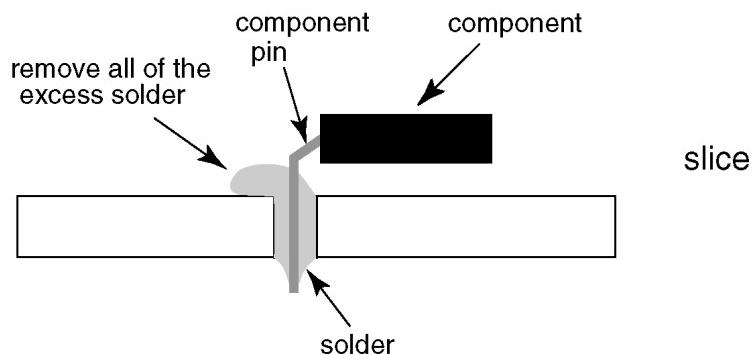
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol **PbF** stamped on the back of PCB.

### Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to  $700 \pm 20$  °F ( $370 \pm 10$  °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.

- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



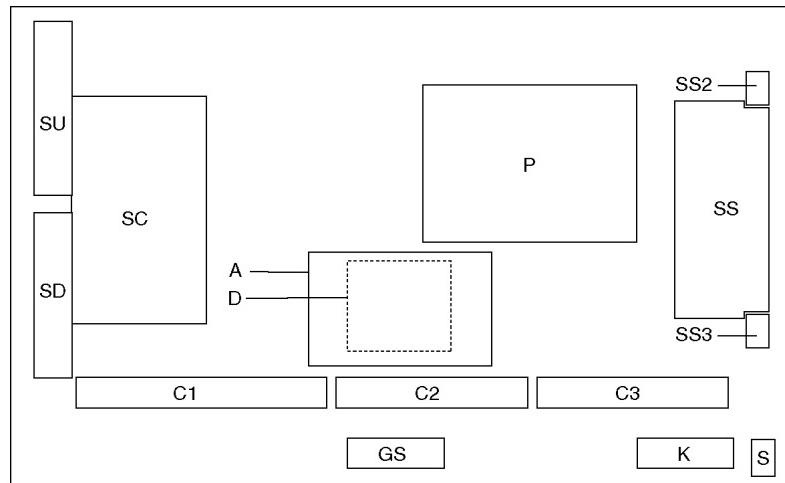
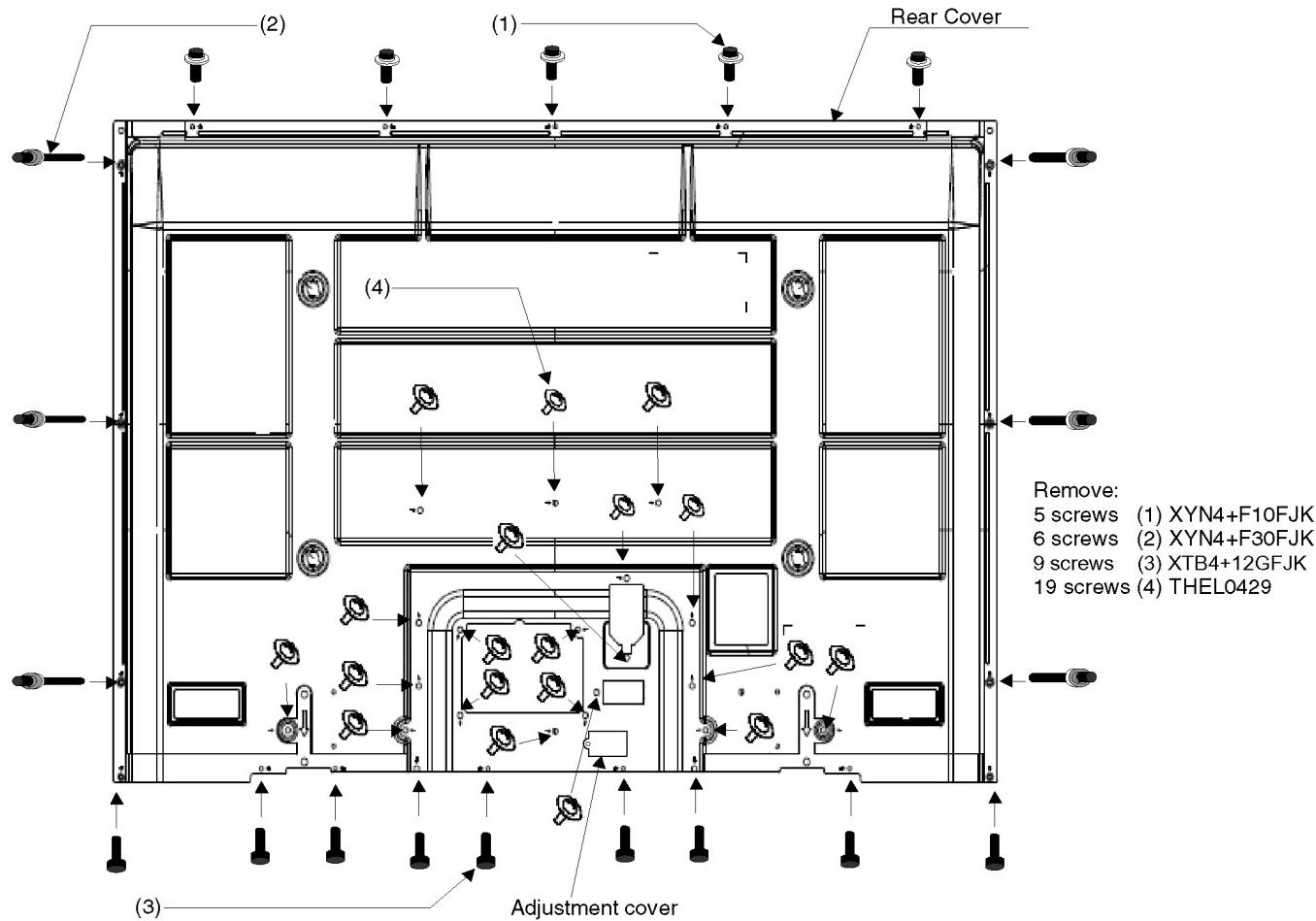
### Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g

## 5 Service Hint

### Remove the Rear Cover



Board Name	Function	Board Name	Function
P	Power Supply	D	Format Converter, Plasma AI, Sub-Field Processor
A	DC-DC Converter Speaker out, Sound Processor AV Terminal, AV Switch Digital Signal Processor, Micon, HDMI Interface Peaks Lite 2	C1	Data Driver (Lower Right)
		C2	Data Driver (Lower Center)
		C3	Data Driver (Lower Left)
		SC	Scan Drive
		SU	Scan out (Upper)
		SD	Scan out (Lower)
K	Remote receiver, Power LED	SS	Sustain Drive
S	Power Switch	SS2	Sustain out (Upper)
GS	SD Card Slot, Key Switch	SS3	Sustain out (Lower)

## 6 Plasma panel replacement method

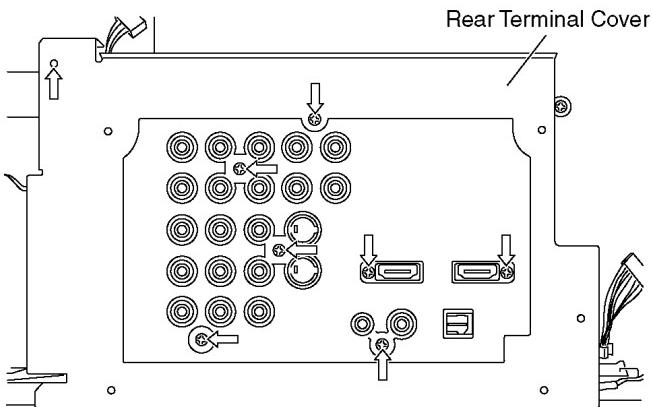
### 6.1. Remove the rear cover

1. See Service Hint (Section 5)

### 6.2. Remove the rear terminal cover

1. Remove the screws ( $\times 8 \rightarrow$ ).

2. Remove the rear terminal cover.



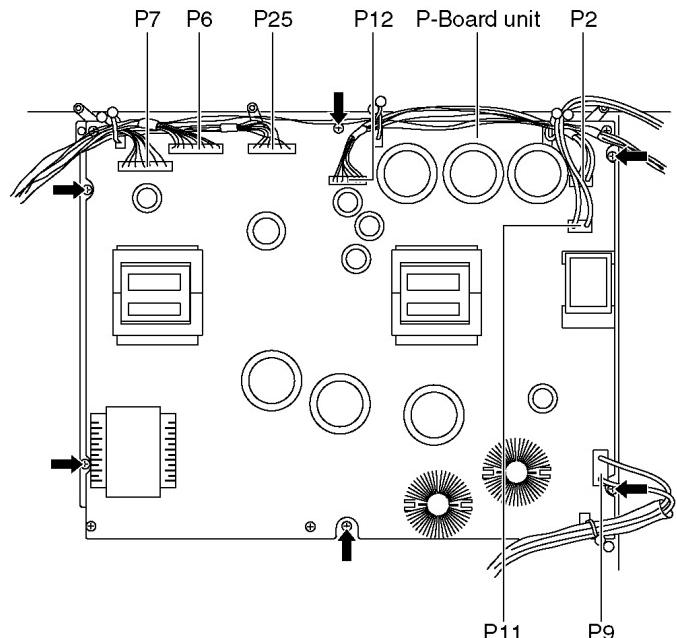
### 6.3. Remove the P-Board

#### Caution:

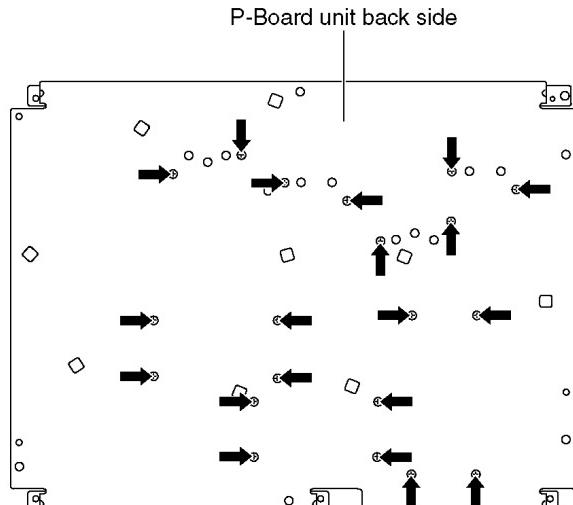
To remove P.C.B. wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Disconnect the connectors (P2, P6, P7, P9, P11, P12 and P25).

2. Remove the screws ( $\times 6 \rightarrow$ ) and remove the P-Board unit.



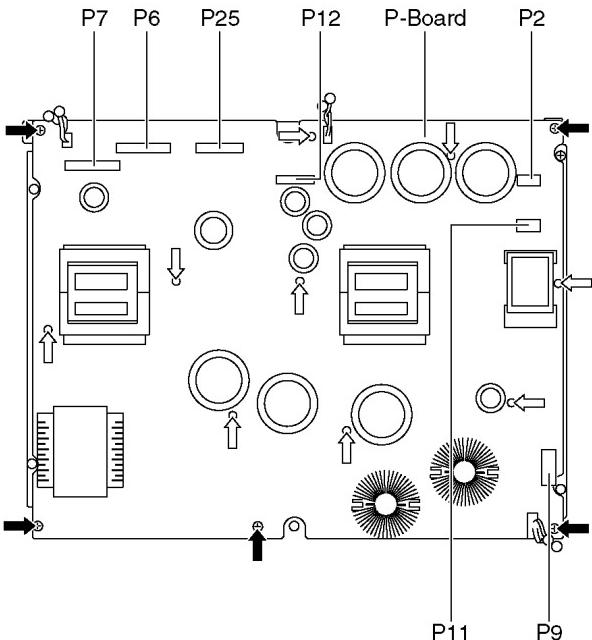
3. Remove the screws ( $\times 20 \rightarrow$ ) on the back side.



4. Remove the screws ( $\times 5 \rightarrow$ ).

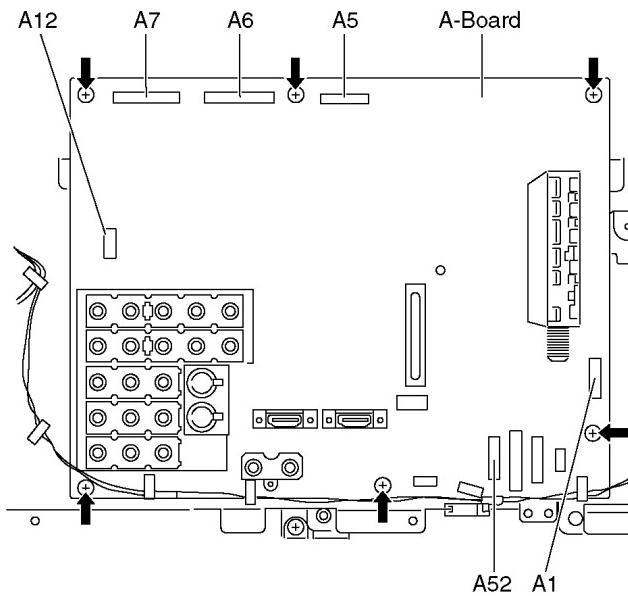
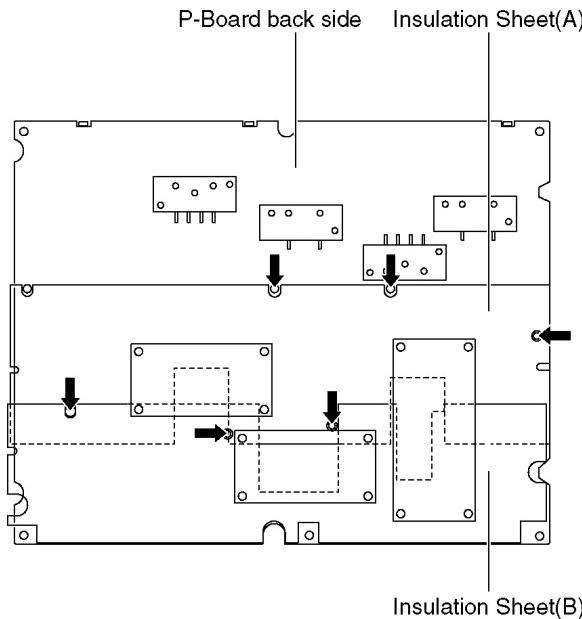
5. Remove the molding props ( $\times 9 \rightarrow$ ).

6. Remove the P-Board.



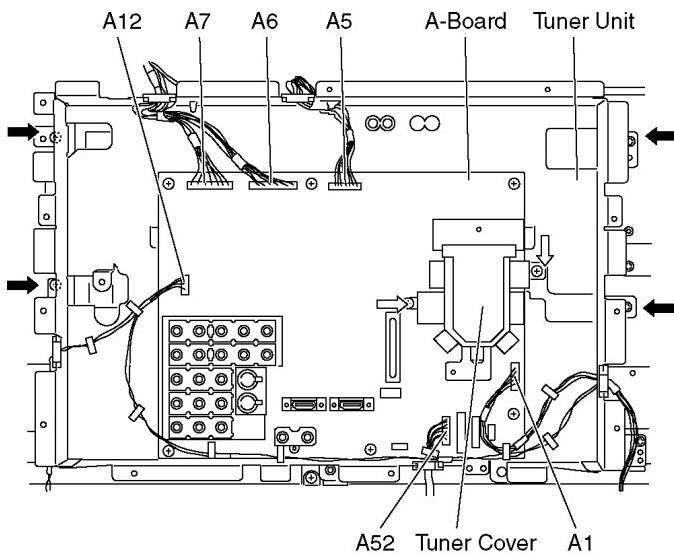
#### Note:

When assembling the P-Board, the position of each hole of the insulation sheets (A and B) is set to the position of each hole of the P-Board, then assemble them. ( $\rightarrow$  marks indicate setting positions.)



## 6.4. Remove the Tuner unit

1. Unlock the cable clamps to free the cable.
2. Disconnect the connectors (A1, A5, A6, A7, A12 and A52).
3. Remove the screws ( $\times 2 \rightarrow$ ) and remove the tuner cover.
4. Remove the screws ( $\times 4 \rightarrow$ ) and remove the tuner unit.

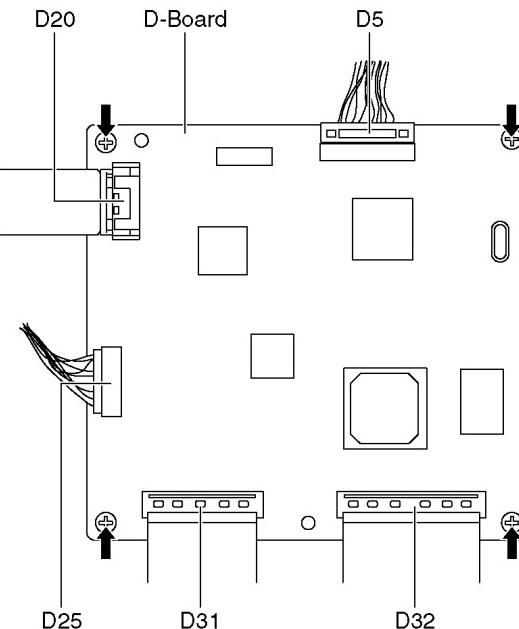


## 6.5. Remove the A-Board

1. Remove the tuner unit. (See section 6.4.)
2. Remove the screws ( $\times 6 \rightarrow$ ) and remove the A-Board.

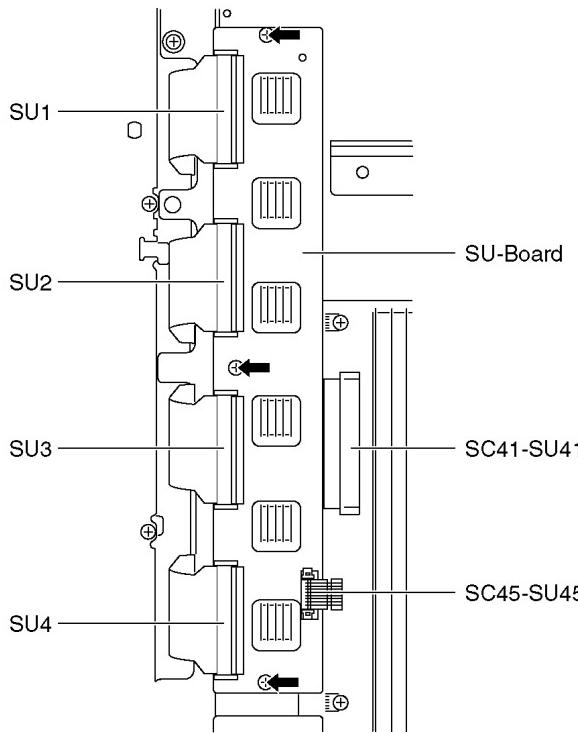
## 6.6. Remove the D-Board

1. Remove the tuner unit. (See section 6.4.)
2. Disconnect the connectors (D5 and D25).
3. Disconnect the flexible cables (D20, D31 and D32).
4. Remove the screws ( $\times 4 \rightarrow$ ) and remove the D-Board.



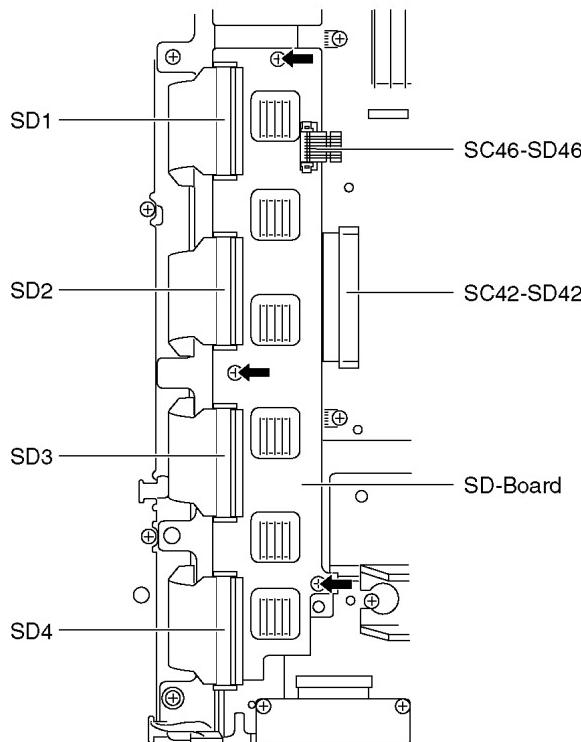
## 6.7. Remove the SU-Board

1. Remove the screws ( $\times 3 \rightarrow$ ).
2. Remove the flexible cables (SU1, SU2, SU3 and SU4) connected to the SU-Board and remove the connector (SC45-SU45).
3. Slide the SU-Board to the left to disconnect from a connector (SC41-SU41) on the SC-Board and remove the SU-Board.



## 6.8. Remove the SD-Board

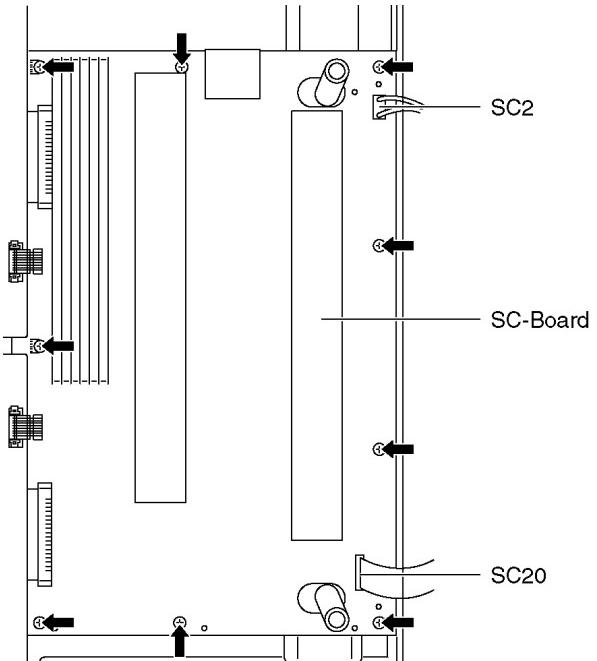
1. Remove the screws ( $\times 3 \rightarrow$ ).
2. Remove the flexible cables (SD1, SD2, SD3 and SD4) connected to the SD-Board and remove the connector (SC46-SD46).
3. Slide the SD-Board to the left to disconnect from a connector (SC42-SD42) on the SC-Board and remove the SD-Board.



## 6.9. Remove the SC-Board

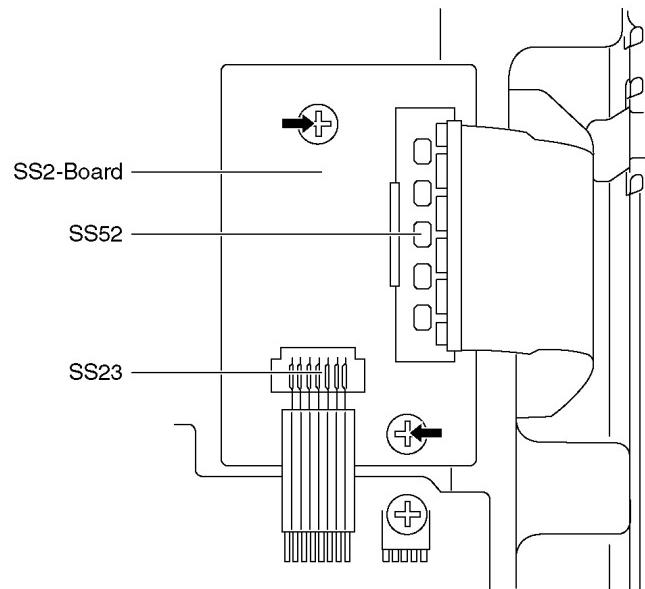
1. Remove the SU-Board and SD-Board. (See section 6.7. and 6.8.)

2. Unlock the cable clamps to free the cable.
3. Disconnect the connector (SC2).
4. Disconnect the flexible cable (SC20).
5. Remove the screws ( $\times 9 \rightarrow$ ) and remove the SC-Board.



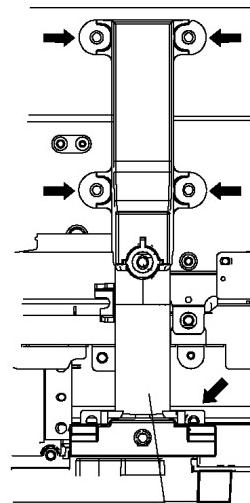
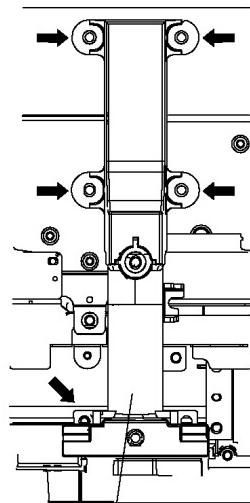
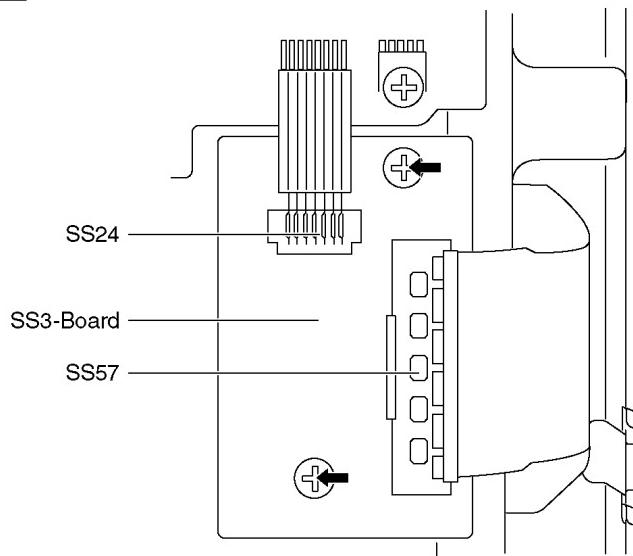
## 6.10. Remove the SS2-Board

1. Disconnect the connector (SS23) and disconnect the flexible cable (SS52).
2. Remove the screws ( $\times 2 \rightarrow$ ) and remove the SS2-Board.



## 6.11. Remove the SS3-Board

1. Disconnect the connector (SS24) and disconnect the flexible cable (SS57).
2. Remove the screws ( $\times 2 \rightarrow$ ) and remove the SS3-Board.

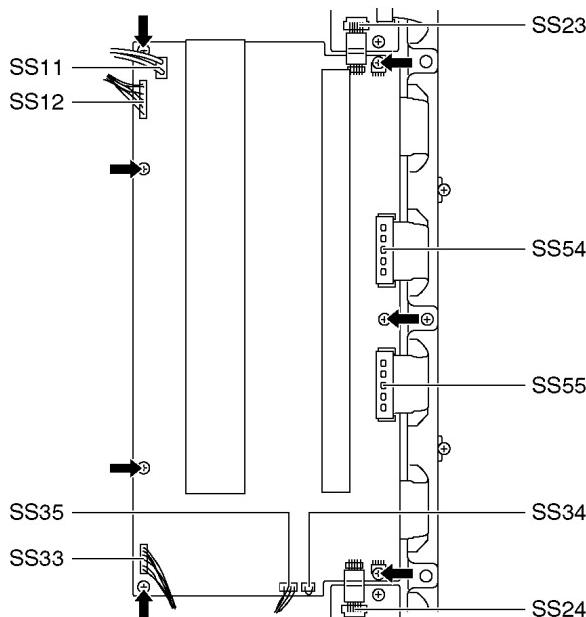


Stand bracket R

Stand bracket L

## 6.12. Remove the SS-Board

1. Disconnect the connectors (SS11, SS12, SS23, SS24, SS33, SS34 and SS35).
2. Disconnect the flexible cables (SS54 and SS55).
3. Remove the screws ( $\times 7 \rightarrow$ ) and remove the SS-Board.

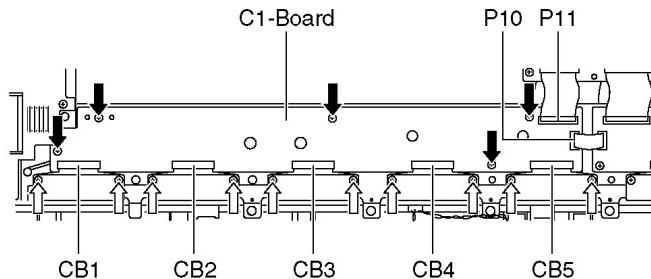


## 6.13. Remove the stand brackets

1. Remove the plasma panel section from the servicing stand and lay on a flat surface such as a table (covered) with the plasma panel surface facing downward.
2. Remove the stand brackets (left, right) fastening screws ( $\times 5 \rightarrow$  each) and remove the stand brackets (left, right).

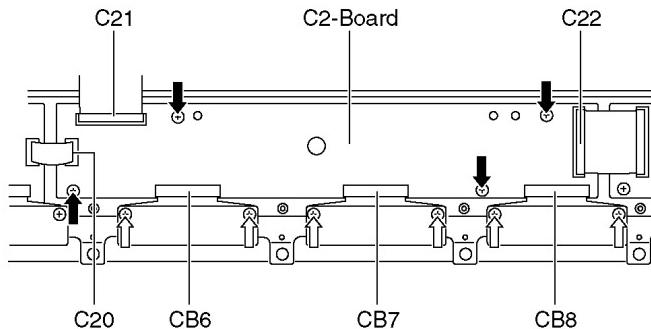
## 6.14. Remove the C1-Board

1. Remove the tuner unit. (See section 6.4.)
2. Remove the stand bracket (R). (See section 6.13.)
3. Remove the flexible cables holder fastening screws ( $\times 10 \rightarrow$ ).
4. Disconnect the flexible cables (CB1, CB2, CB3, CB4 and CB5).
5. Disconnect the flexible cables (C10 and C11).
6. Remove the screws ( $\times 5 \rightarrow$ ) and remove the C1-Board.



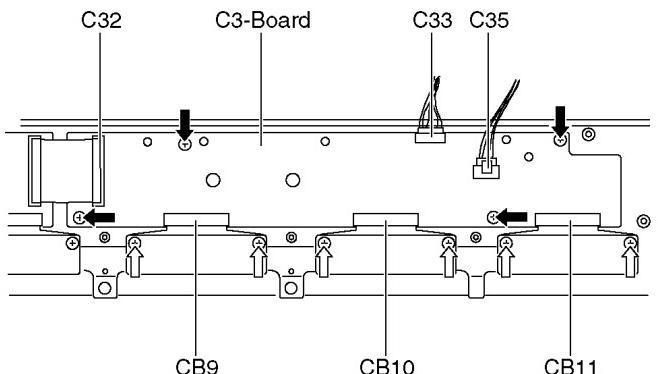
## 6.15. Remove the C2-Board

1. Remove the tuner unit. (See section 6.4.)
2. Remove the flexible cables holder fastening screws ( $\times 6 \rightarrow$ ).
3. Disconnect the flexible cables (CB6, CB7 and CB8).
4. Disconnect the flexible cables (C20, C21 and C22).
5. Remove the screws ( $\times 4 \rightarrow$ ) and remove the C2-Board.



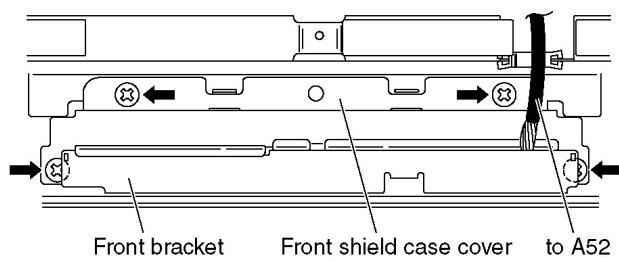
## 6.16. Remove the C3-Board

1. Remove the tuner unit. (See section 6.4.)
2. Remove the stand bracket (L). (See section 6.13.)
3. Remove the flexible cables holder fastening screws ( $\times 6 \rightarrow$ ).
4. Disconnect the flexible cables (CB9, CB10 and CB11).
5. Disconnect the flexible cable (C32).
6. Disconnect the connectors (C33 and C35).
7. Remove the screws ( $\times 4 \rightarrow$ ) and remove the C3-Board.



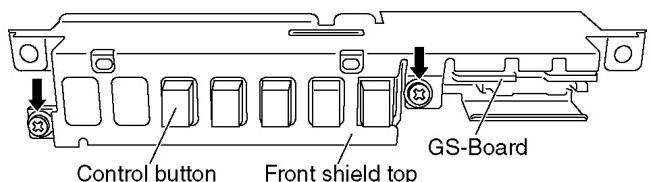
## 6.17. Remove the front bracket and the front shield case cover

1. Disconnect the connector (A52). (See section 6.4.)
2. Remove the screws ( $\times 4 \rightarrow$ ) and remove the front bracket and the front shield case cover.

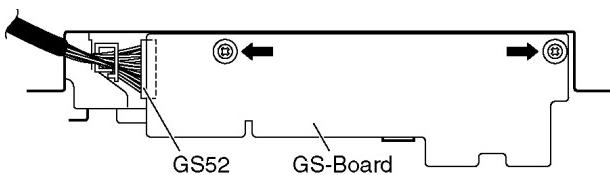


## 6.18. Remove the GS-Board

1. Remove the front bracket and the front shield case cover. (See section 6.17.)
2. Remove the screws ( $\times 2 \rightarrow$ ) and remove the front shield top and the control button.

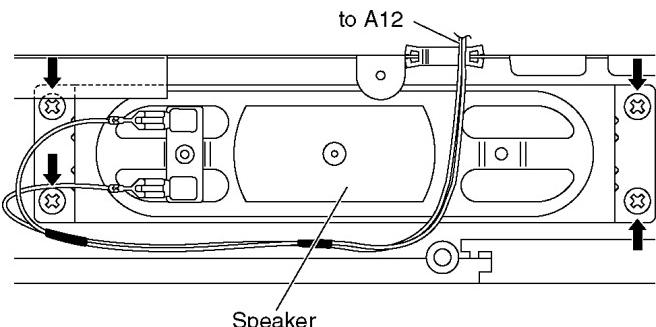


3. Remove the screws ( $\times 2 \rightarrow$ ) and disconnect the connector (GS52).
4. Remove the GS-Board.



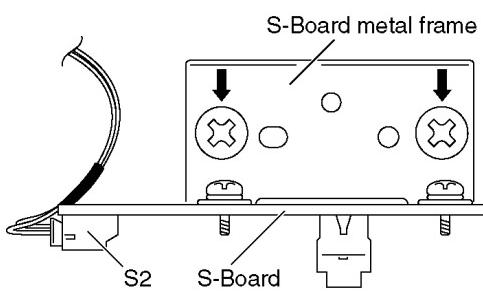
## 6.19. Remove the speaker L, R

1. Disconnect the connector (A12). (See section 6.4.)
2. Remove the screws ( $\times 4 \rightarrow$  each) and remove the speaker L, R.



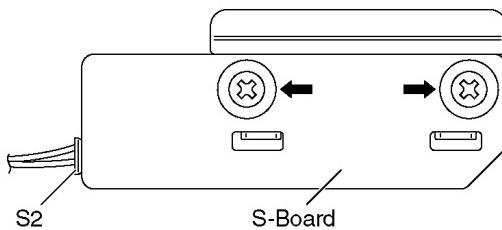
## 6.20. Remove the S-Board

1. Remove the screws ( $\times 2 \rightarrow$ ) and remove the S-Board metal frame.



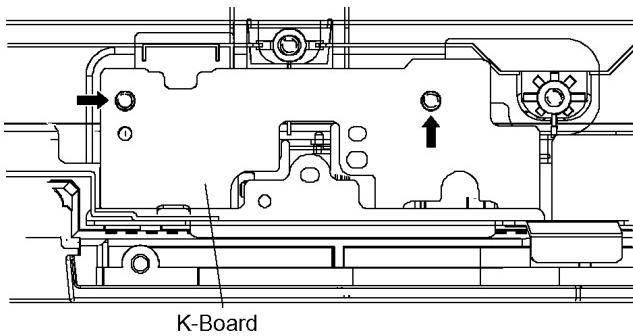
2. Disconnect the connector (S2).

3. Remove the screws ( $\times 2 \rightarrow$ ) and remove the S-Board.

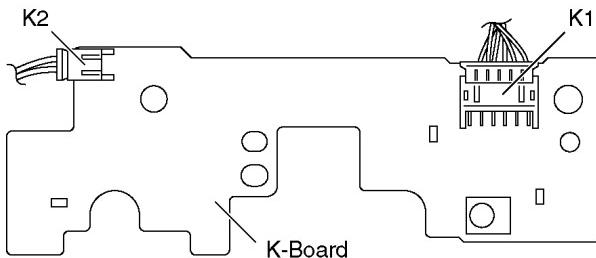


## 6.21. Remove the K-Board

1. Remove the S-Board. (See section 6.20.)
2. Unlock the cable clamps to free the cable.
3. Disconnect the connector (A1). (See section 6.4.)
4. Remove the screws ( $\times 2 \rightarrow$ ) and remove the K-Board.

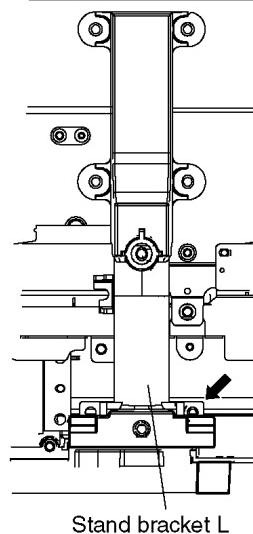
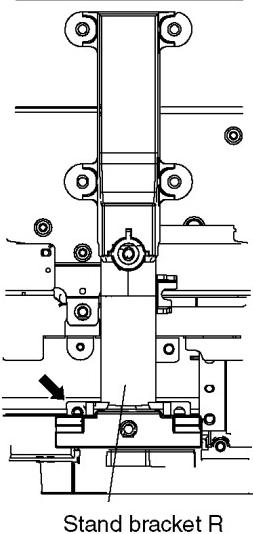


5. Disconnect the connectors (K1 and K2) and remove the K-Board.

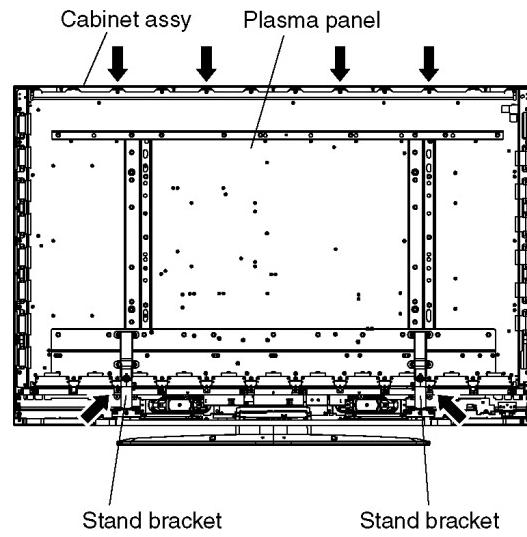


## 6.22. Remove the Plasma panel section from the Cabinet assy (glass)

1. Remove the stand brackets (left, right) fastening screw ( $\times 1 \rightarrow$  each).

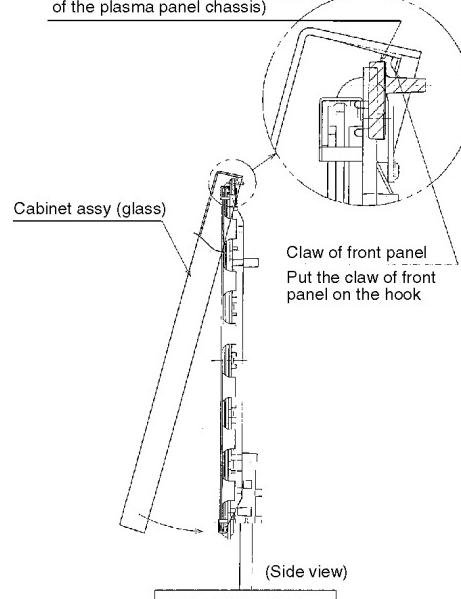


2. Remove the cabinet assy and the plasma panel fastening screws ( $\times 6 \rightarrow$  ).

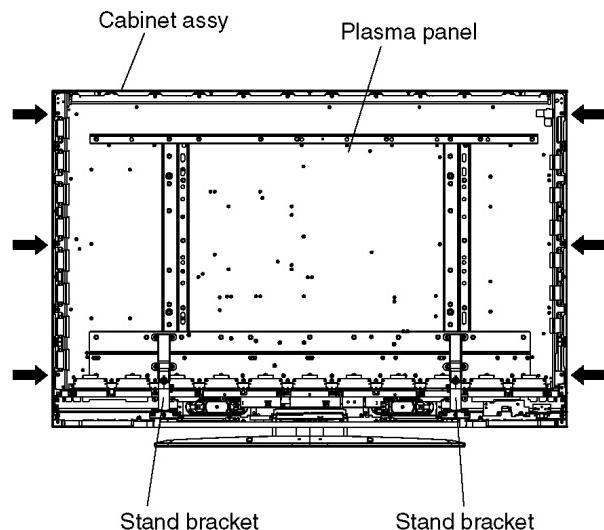


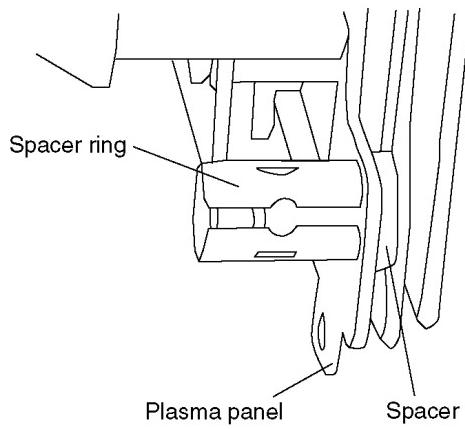
3. For leaving the plasma panel from the front frame, pull the bottom of the cabinet assy forward, lift, and remove.

Hook (attached on top (right and left) of the plasma panel chassis)



4. Remove the spacers and spacer rings ( $\times 6 \rightarrow$  ).





## 6.23. Replace the plasma panel (finished)

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
  2. Attach the C1-Board, C2-Board and the C3-Board, connect the flexible cables (×22) from the plasma panel to the C1-Board, C2-Board and the C3-Board, and fit the flexible cable holders.
  3. Attach the Hooks (left, right) and fit the stand brackets (L, R) to the new plasma panel.
  4. Place the plasma panel section on the servicing stand.
  5. Attach the cabinet assy and each P.C.Board and so on, to the new plasma panel.
- \*When fitting the cabinet assy, be careful to allow any debris, dust or handling residue to remain between the front glass and plasma panel.**

## 7 Caution statement

### 7.1. Caution statement.

#### Caution:

Please confirm that all flexible cables are assembled correctly.

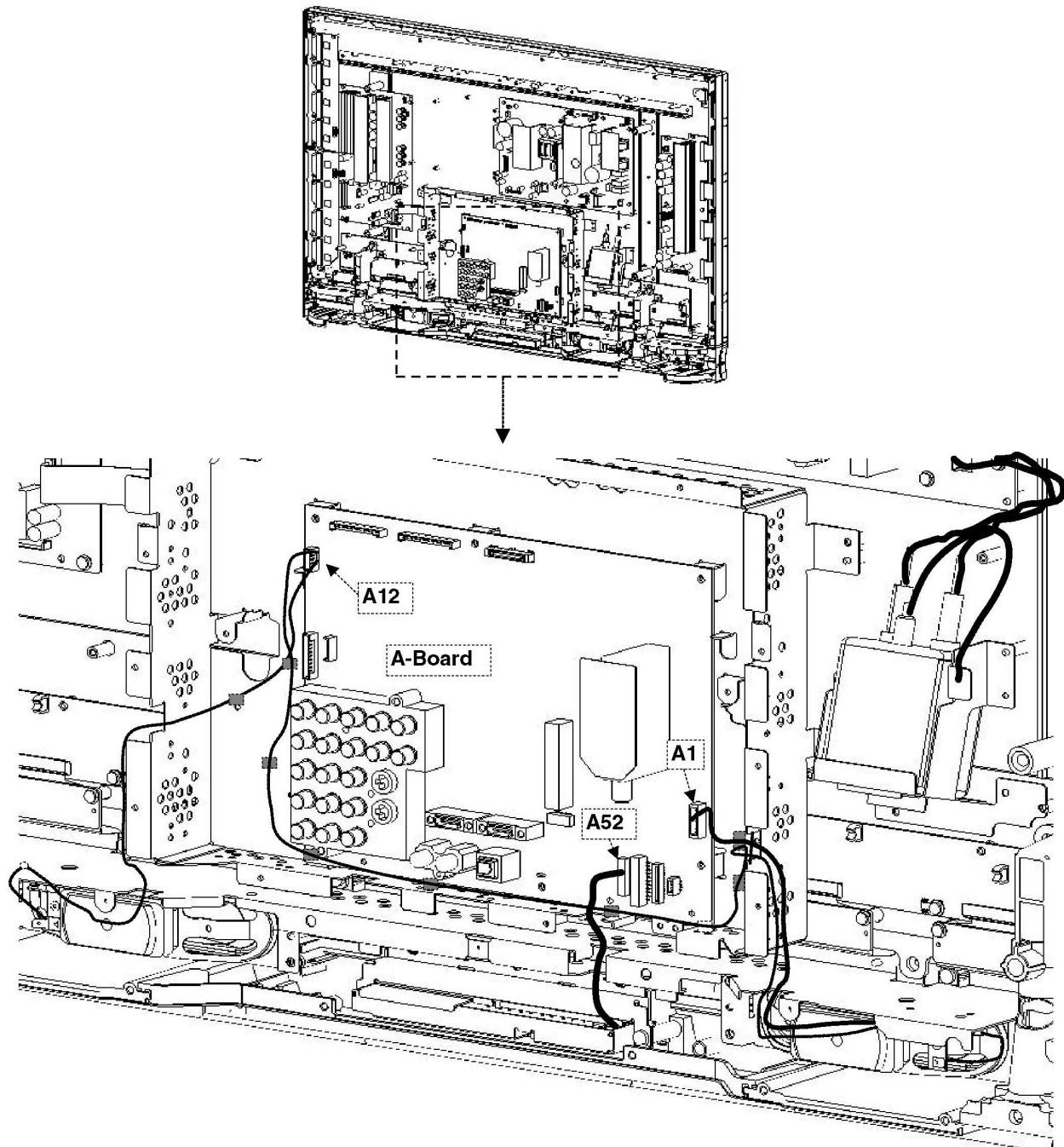
Also make sure that they are locked in the connectors.

Verify by giving the flexible cables a very slight pull.

## 8 Location of Lead Wiring

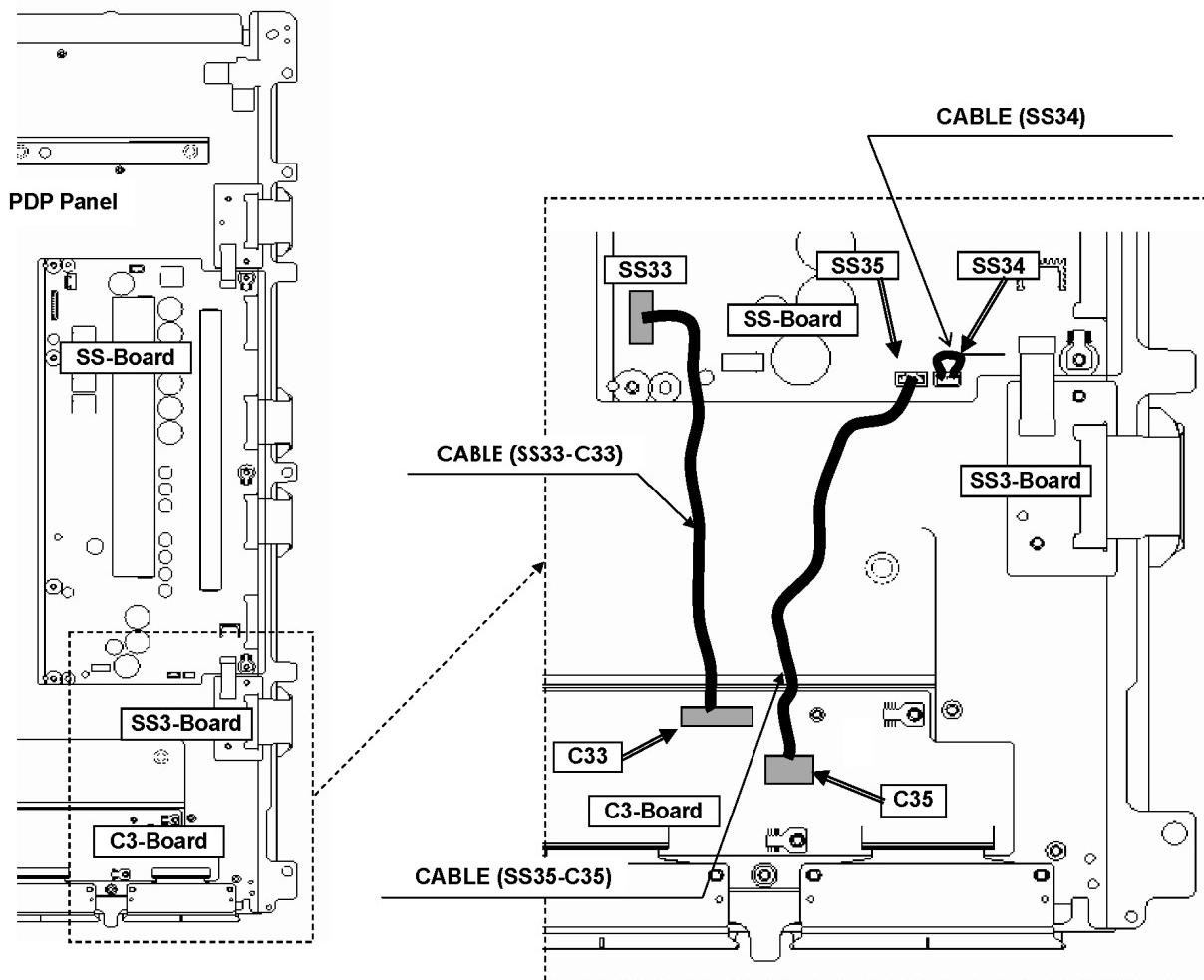
### 8.1. Lead of Wiring (1)

The wire is dressed as shown in figure.



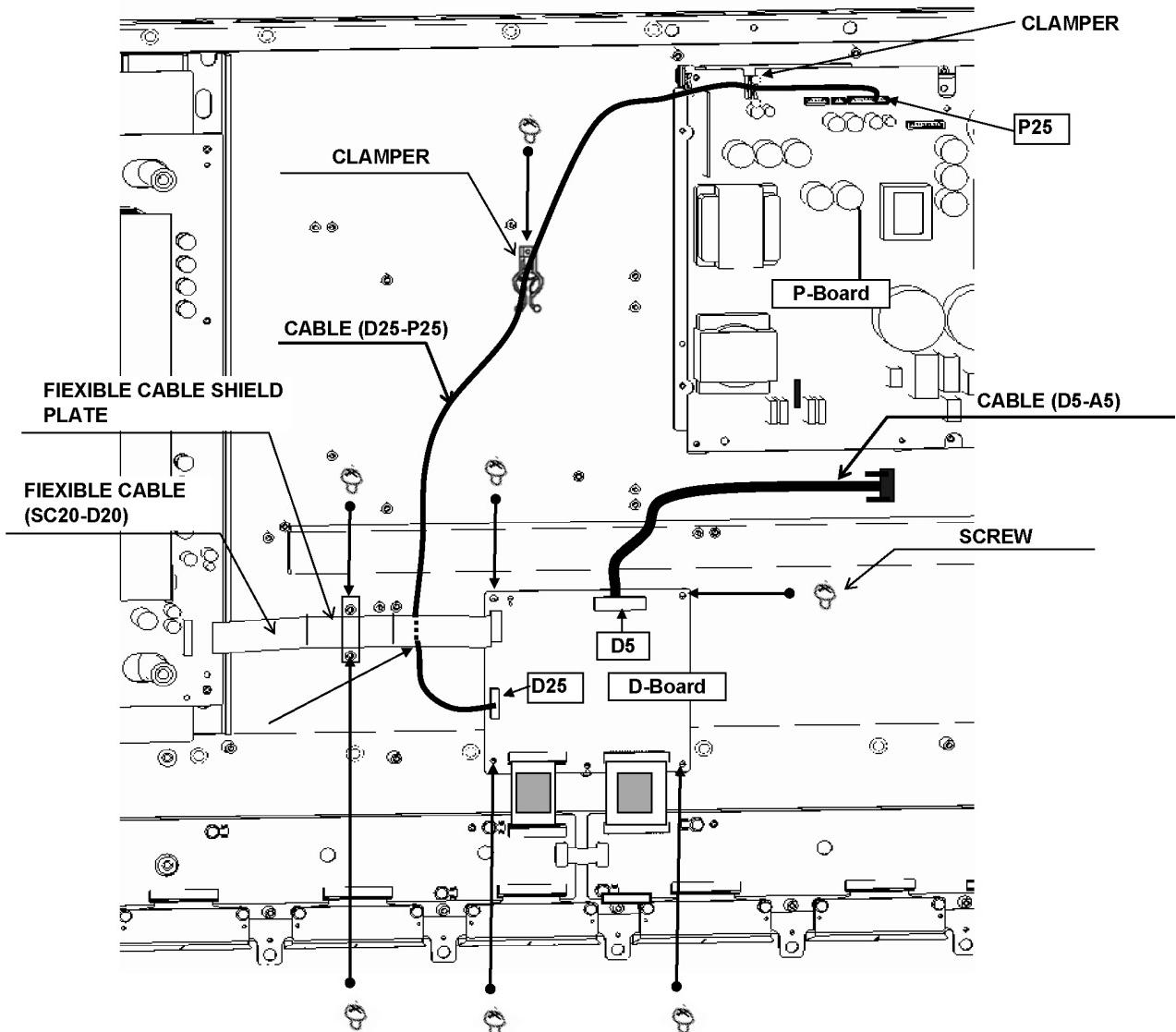
## 8.2. Lead of Wiring (2)

The wire is dressed as shown in figure.



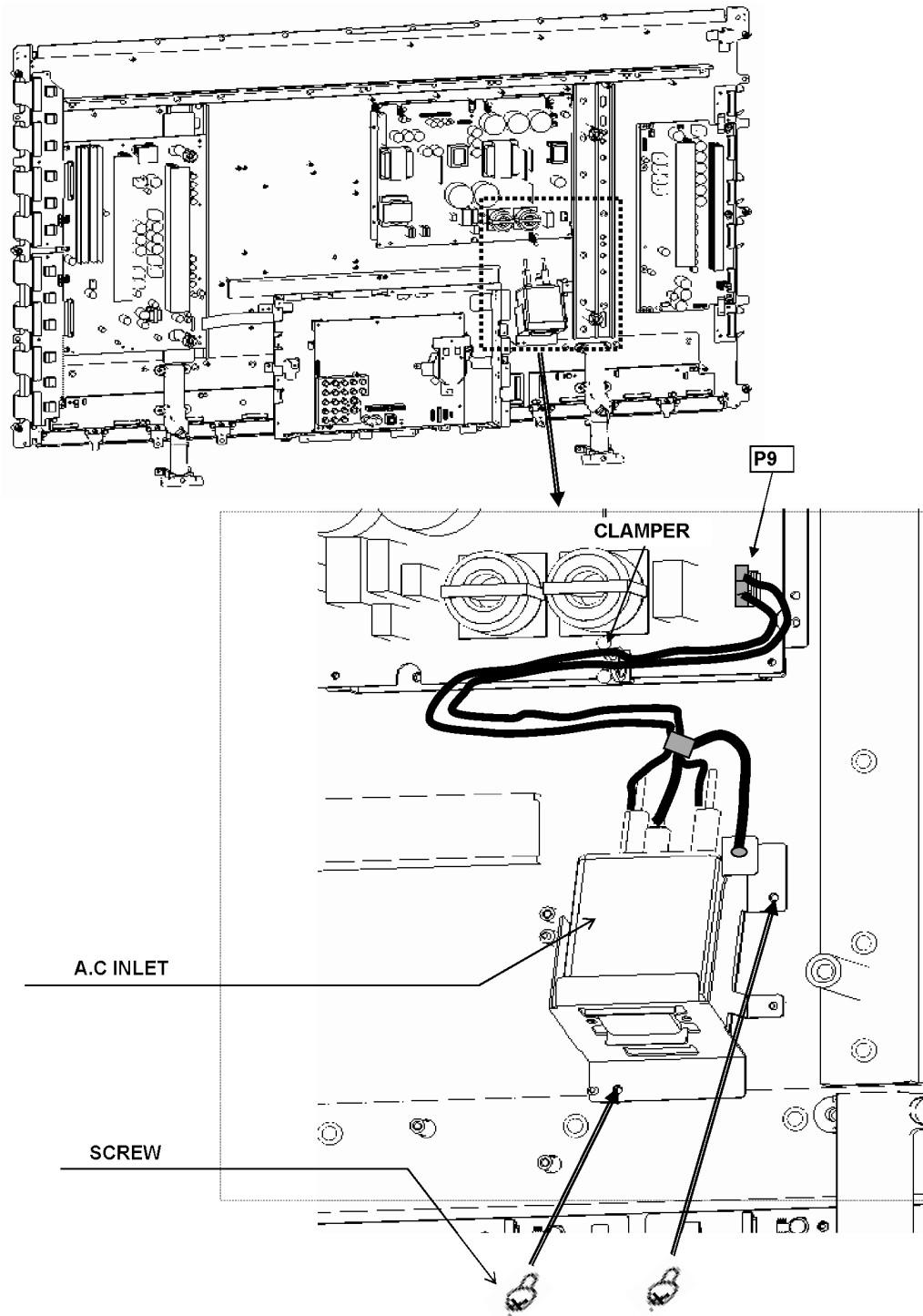
### 8.3. Lead of Wiring (3)

The wire is dressed as shown in figure.



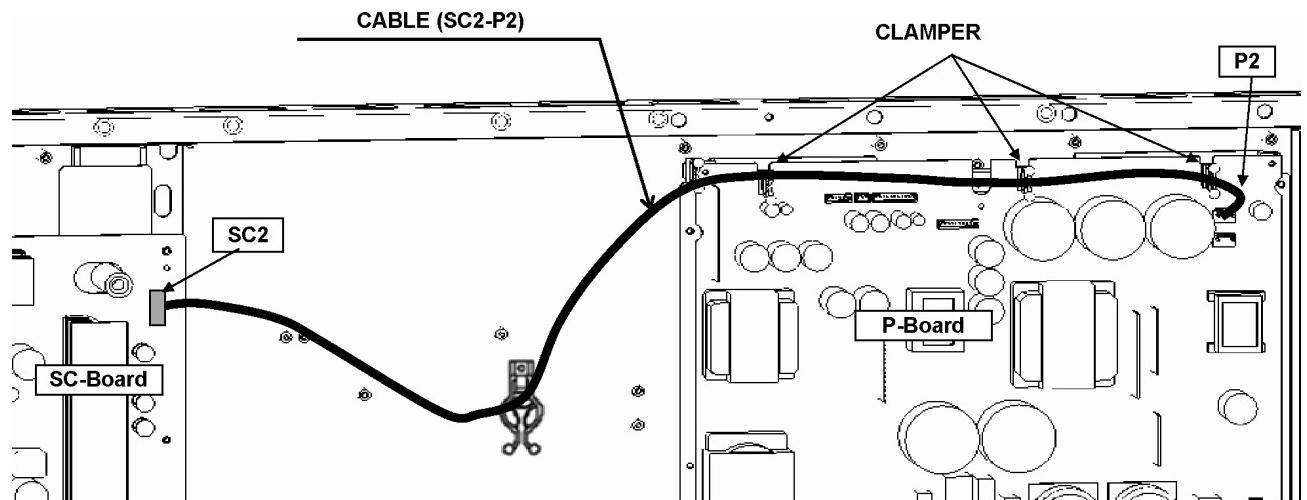
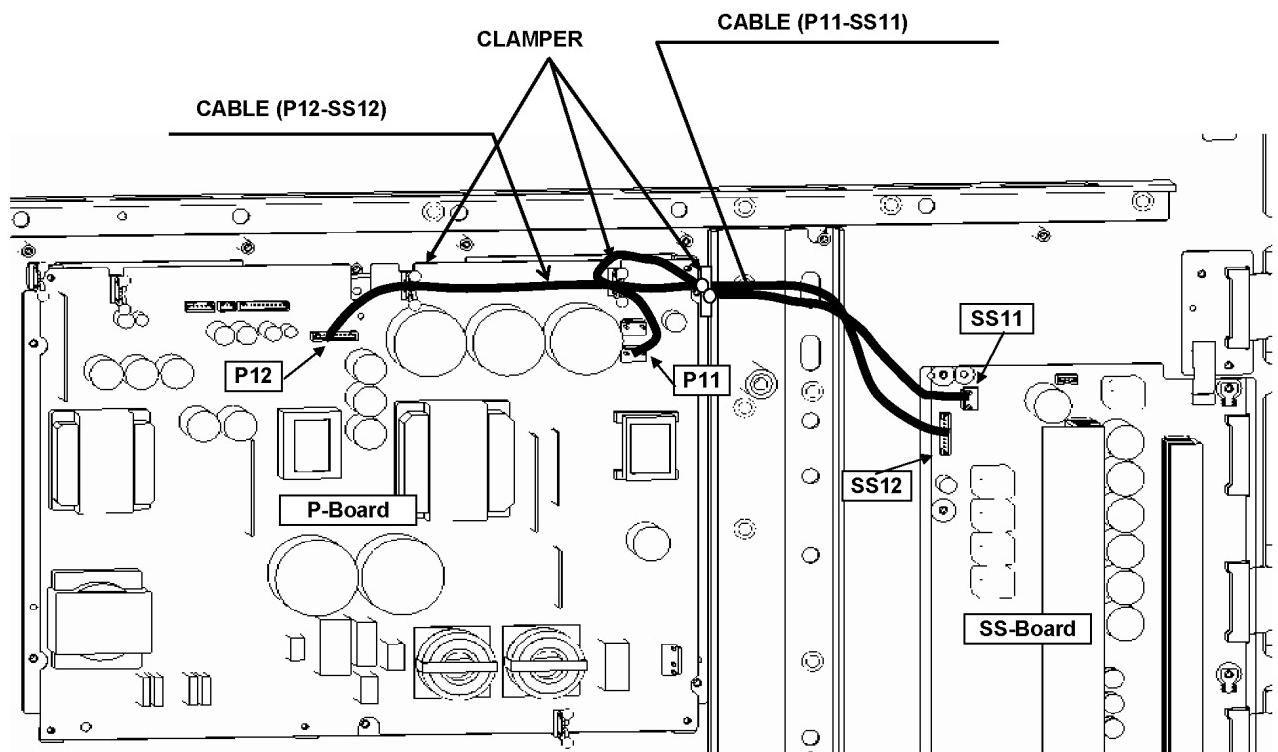
## 8.4. Lead of Wiring (4)

The wire is dressed as shown in figure.



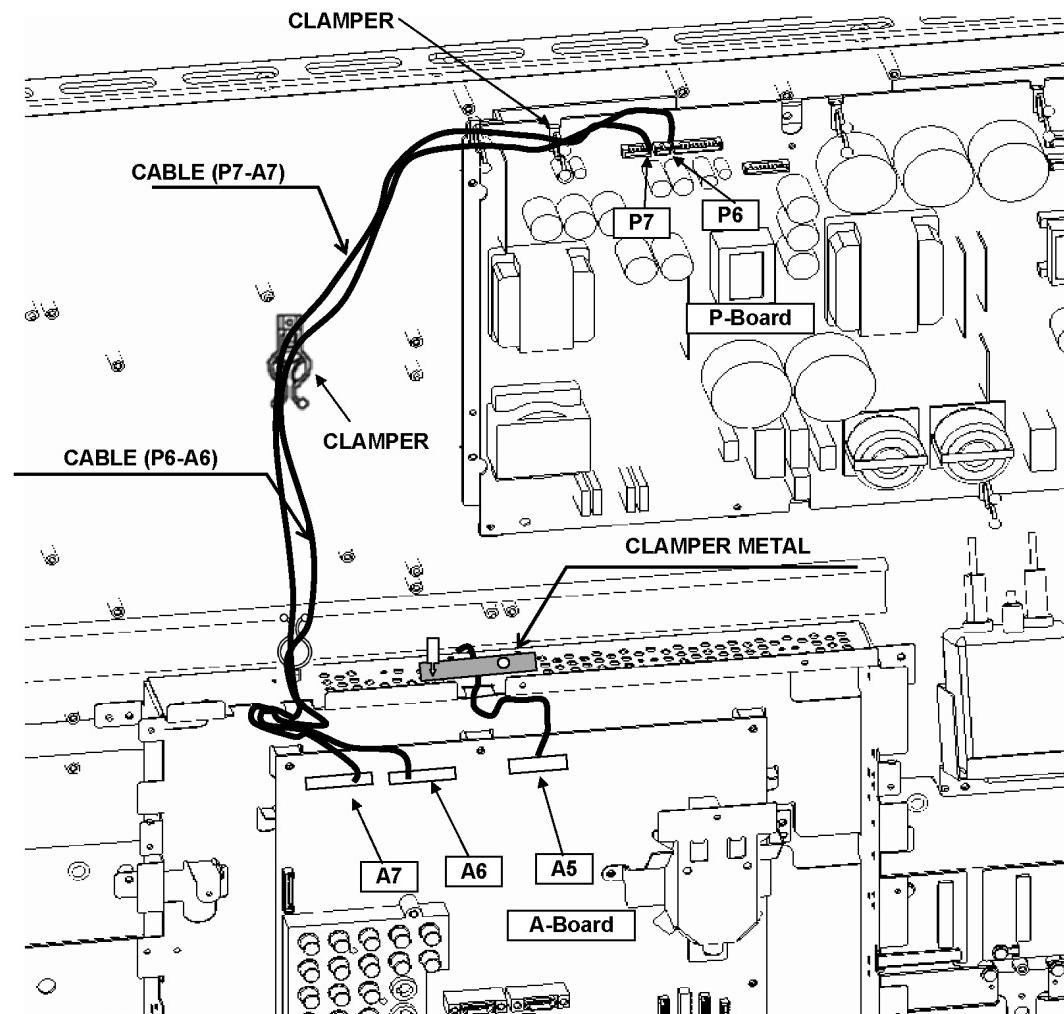
## 8.5. Lead of Wiring (5)

The wire is dressed as shown in figure.



## 8.6. Lead of Wiring (6)

The wire is dressed as shown in figure.



## 9 Self-check Function

Use the self-check function to test the unit.

1. Checking the IIC bus lines
2. Power LED Blinking timing

### 9.1. Check of the IIC bus lines

#### 9.1.1. How to access

Self-check indication only:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [OK] button on the remote control for more than 3 seconds.

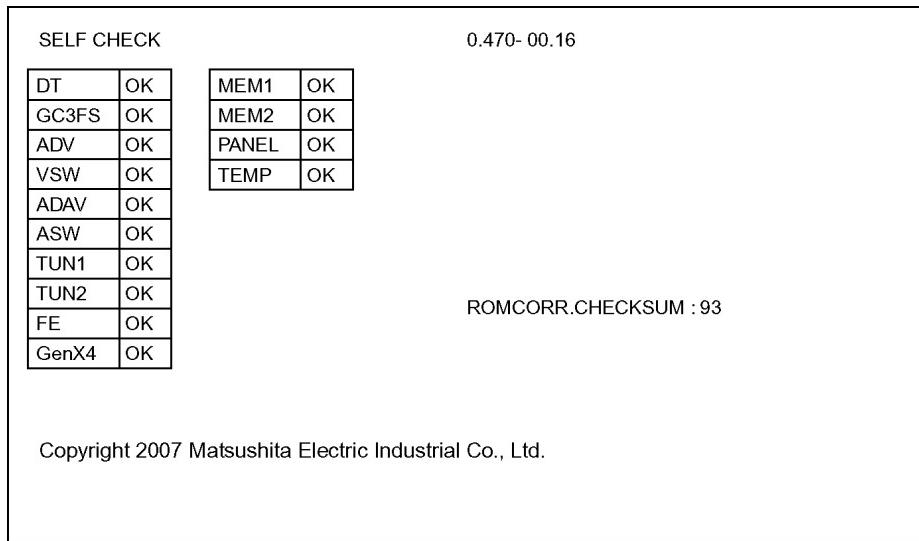
Self-check indication and forced to factory shipment setting:

Produce TV reception screen, and while pressing [VOLUME (-)] button on the main unit, press [MENU] button on the remote control for more than 3 seconds.

#### 9.1.2. Exit

Disconnect the AC cord from wall outlet.

#### 9.1.3. Screen display



#### 9.1.4. Check Point

Confirm the following parts if NG was displayed.

DISPLAY	Ref. No.	Description	P.C.B.
DT	IC8001	Peaks Lite2	A-Board
GC3FS	--	not used	--
ADV	IC4510	A/D CONV., HDMI RX	A-Board
VSW	IC3001	VIDEO SW	A-Board
ADAV	IC2106	SOUND PROCESSOR	A-Board
ASW	IC3101	AUDIO SW	A-Board
TUN1	TU8300	TUNER (PLL block)	A-Board
TUN2	TU8300	TUNER (MTS block)	A-Board
FE	IC8302	Digital demodulator	A-Board
GenX4	IC1100	GenX4 (STB MCU)	A-Board
MEM1	IC1101	EEPROM (GenX4)	A-Board
MEM2	IC8503	EEPROM (Peaks)	A-Board
PANEL	IC9003	MICON	D-Board
TEMP	IC9002	TEMP SENSOR	D-Board

## 9.2. Power LED Blinking timing chart

### 1. Subject

Information of LED Flashing timing chart.

### 2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

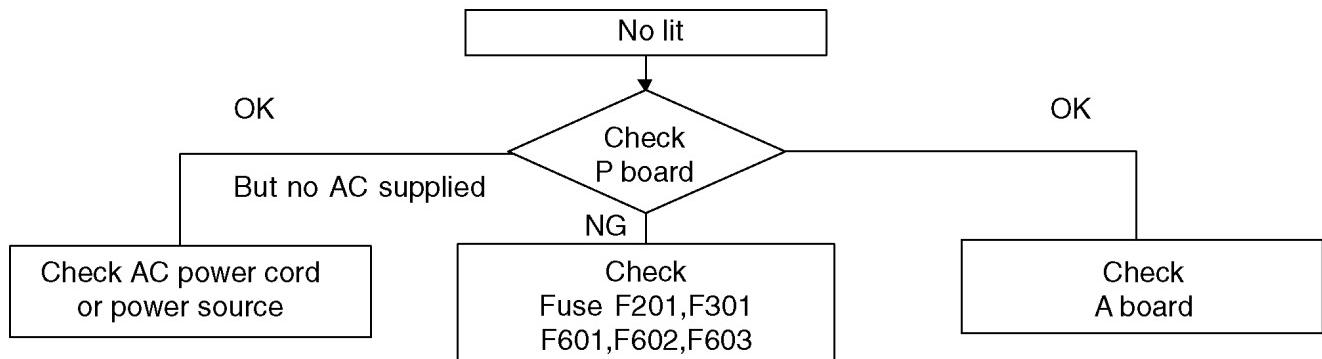
Blinking Times	Blinking timing	Contents	Check point
1		No particular check point	-
		Panel Status	-
		No particular check point	A-Board
2		15V SOS	D-Board
3		3.3V SOS	D-Board
4		Power SOS	P-Board
5		5V SOS	D-Board
6		Driver SOS1 (SC Energy recovery circuit)	SU-Board SD-Board SC-Board
7		Driver SOS2 (SC floating voltage area)	SU-Board SD-Board SC-Board
8		Driver SOS3 (SS Energy recovery circuit)	SS-Board SS2-Board SS3-Board
9		Panel Config SOS	-
10		Sub 5V SOS Main 3.3V SOS DTV 9V SOS Tuner Power SOS	A-Board
12		Sound SOS	A-Board
13		Communication Error with IC8001 (Pesks Lite 2)	A-Board

### 9.3. No Power

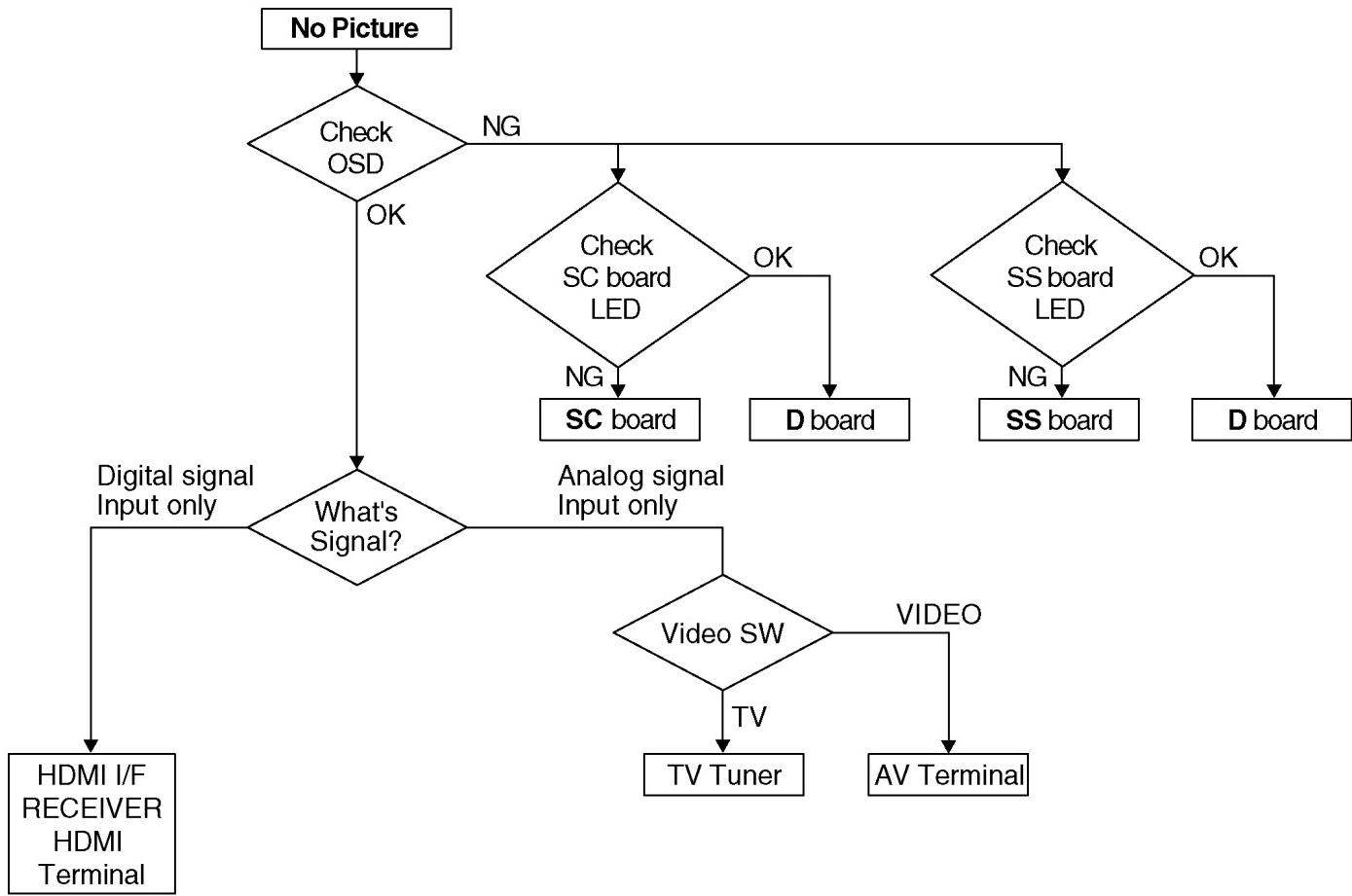
#### First check point

There are following 2 states of No Power indication by power LED.

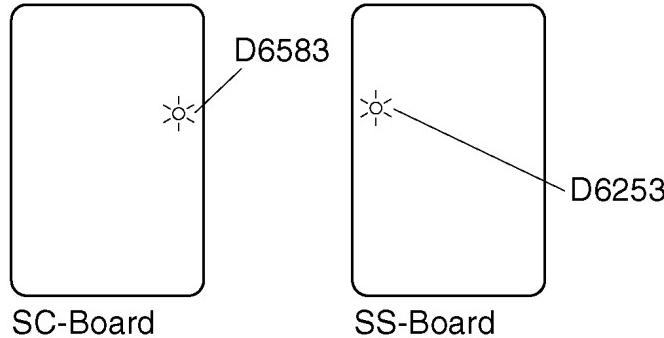
1. No lit
2. Red is lit then turns red blinking a few seconds later. (See 9.2.)



## 9.4. No Picture

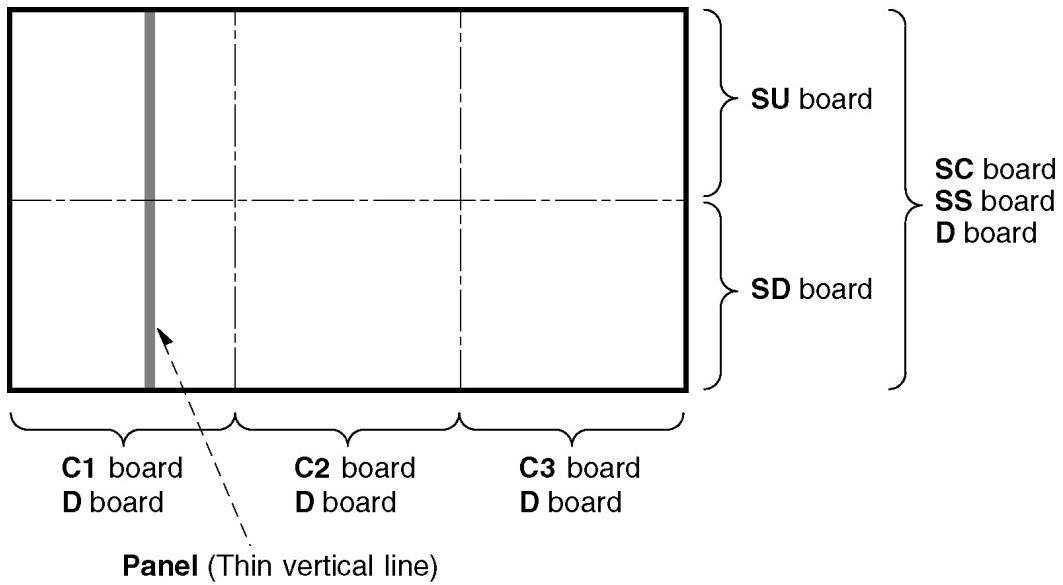


Drive circuits LED indicator



## 9.5. Local screen failure

Plasma display may have local area failure on the screen. Fig-1 is the possible defect P.C.B. for each local area.



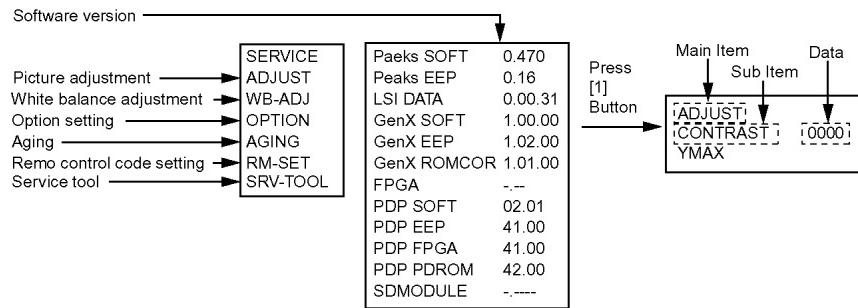
<Local screen failure chart>

Fig-1

# 10 Service Mode

## 10.1. How to enter into Service Mode

While pressing [VOLUME ( - )] button of the main unit, press [RECALL] button of the remote control three times within 3 seconds.



### 10.1.1. Key command

“1” button...Main items Selection in forward direction

“2” button...Main items Selection in reverse direction

“3” button...Sub items Selection in forward direction

“4” button...Sub items Selection in reverse direction

“VOL” button...Value of sub items change in forward direction ( + ), in reverse direction ( - )

### 10.1.2. Contents of adjustment mode

- Value is shown as a hexadecimal number.
- Preset value differs depending on models.
- After entering the adjustment mode, take note of the value in each item before starting adjustment.

Main item	Sub item	Sample Data	Remark
ADJUST	CONTRAST	000	
	COLOR	49	
	TINT	FE	
	SUB-BRT	808	
WB-ADJ	R-CUT	80	
	G-CUT	80	
	B-CUT	80	
	R-DRV	F6	
	G-DRV	E2	
	B-DRV	FC	
	ALL-CUT	80	
	ALL-DRV	FC	
OPTION	BOOT	ROM	Factory Preset
	STBY-SET	00	
	Emergency	OFF	
	CLK MODE	00	
	CLOCK	000	
AGING	RGBW		
	COUNT		
	ALL WHITE		
	ALL RED		
	ALL GREEN		
	ALL BLUE		
	ON/OFF		
	RAMP WHITE		
	RAMP RED		
	RAMP GREEN		
	RAMP BLUE		
	1% WINDOW		
	COLOR BAR		
	A-ZONE B-ZONE/4 TRIO		
RM-SET	CODE	A	Fixed
SRV-TOOL	-		See next

### 10.1.3. How to exit

Switch off the power with the [POWER] button on the main unit or the [POWER] button on the remote control.

## 10.2. Service tool mode

### 10.2.1. How to access

1. Select "SRV-TOOL" in Service Mode.
2. Press [OK] button on the remote control.

SRV-TOOL	
Display of TD2Microcode version →	TD2Microcode:81c0000e
Display of Flash ROM maker code →	Flash ROM : 1 - 227E
Display of SOS History →	PTCT : 00 . 00 . 00 . 00 . 00      Time 00000:40      Count 0000022
← POWER ON TIME/COUNT Press [MUTE] button (3sec)	

### 10.2.2. Display of SOS History

SOS History (Number of LED blinking) indication.

From left side; Last SOS, before Last, three occurrence before, 2nd occurrence after shipment, 1st occurrence after shipment.

This indication except 2nd and 1st occurrence after shipment will be cleared by "Self-check indication and forced to factory shipment setting".

### 10.2.3. POWER ON TIME/COUNT

Note: To display TIME/COUNT menu, highlight position, then press MUTE for (3sec).

Time : Cumulative power on time, indicated hour : minute by decimal

Count : Number of ON times by decimal

Note : This indication will not cleared by either of the self-checks or any other command.

### 10.2.4. Exit

1. Disconnect the AC cord from wall outlet.

# 11 Adjustment Procedure

## 11.1. Driver Set-up

### 11.1.1. Item / Preparation

1. Input a white signal to plasma video input.

2. Set the picture controls as follows.

Picture menu: Vivid

Normal: Set

Aspect: Full

#### Caution

1. First perform Vsus adjustment.

2. Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.

When Vad=-105V, Voltage of Vscn is 40V ±4V.

### 11.1.2. Adjustments

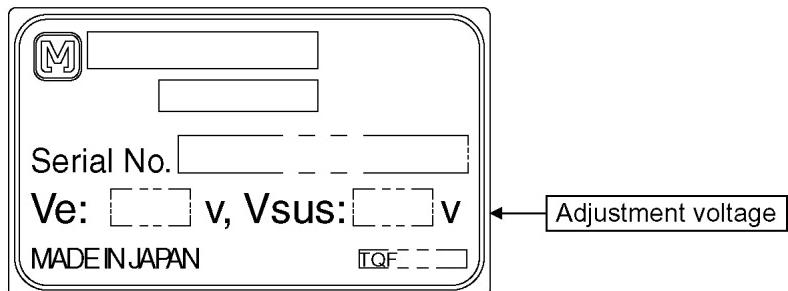
Adjust driver section voltages referring the panel data on the panel data label.

Check or adjust the following voltages with the multimeter.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 2V	VR251 (P)	*
Ve	TPVE (SS)	Ve ± 1V	VR6000 (SS)	*
Vset	TPVSET (SC)	330V ± 7V	Fixed	
Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
Vscn	TPVSCN (SC)	Vad+145V ± 4V	Fixed	
Vda	TPVDA (SS)	75V ± 1V, -2V	Fixed	
Vbk	TPVBK (SC)	155V ± 1V	VR6604 (SC)	

\*See the Panel label.

Panel Label information



## 11.2. Initialization Pulse Adjust

1. Input the White signal to plasma video input.

2. Set the picture controls as follows.

Picture menu : Vivid

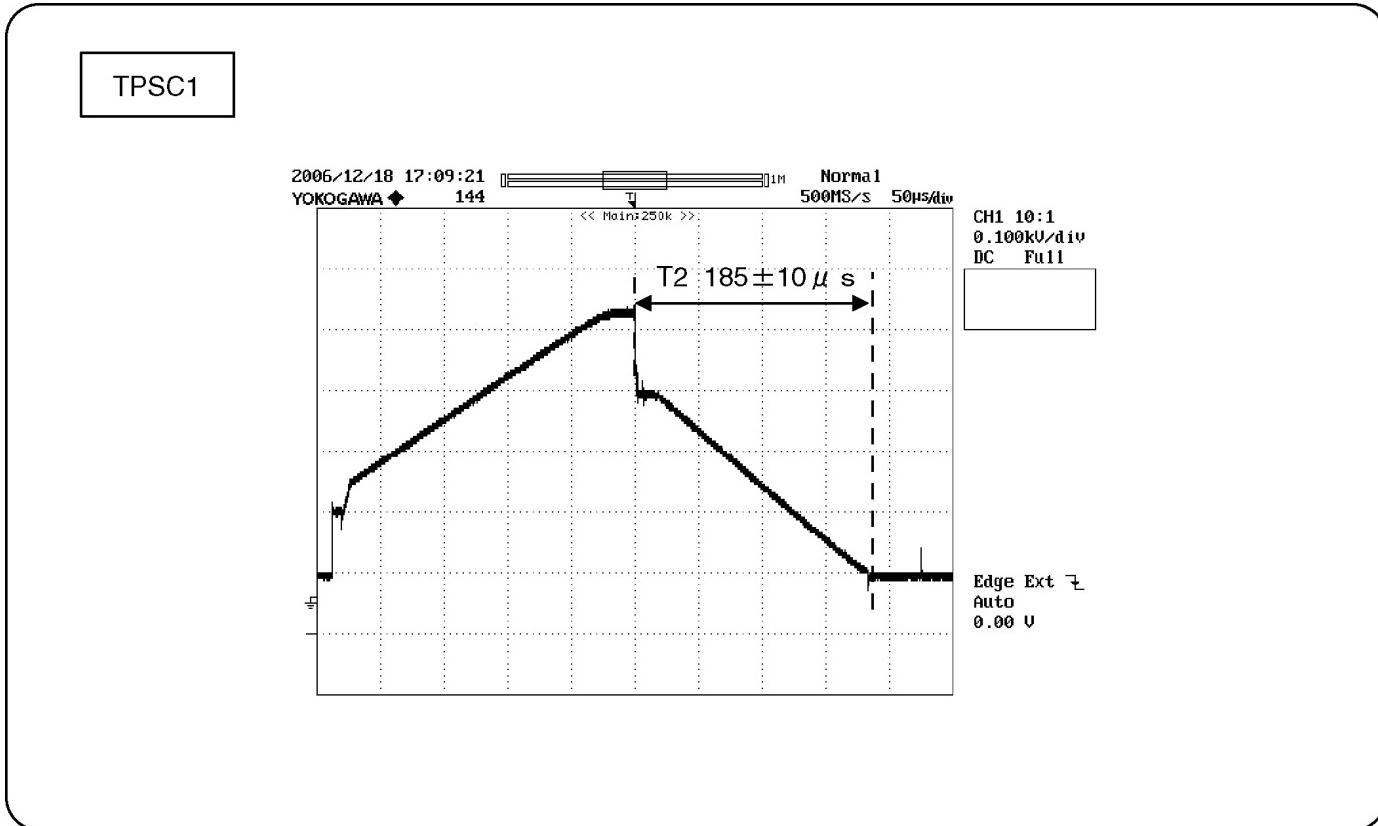
Normal : Set

Aspect : Full

3. Connect Oscilloscope to TPSC1 (SC).

Check and adjust that the stand down pulse(T2) period are each within specification.

	Test point	Volume	Level
T2	TPSC1 (SC)	VR6602 (SC)	185 ± 10μ Sec



## 11.3. P.C.B. (Printed Circuit Board) exchange

### 11.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

### 11.3.2. Quick adjustment after P.C.B. exchange

Adjust the following voltages with the multimeter.

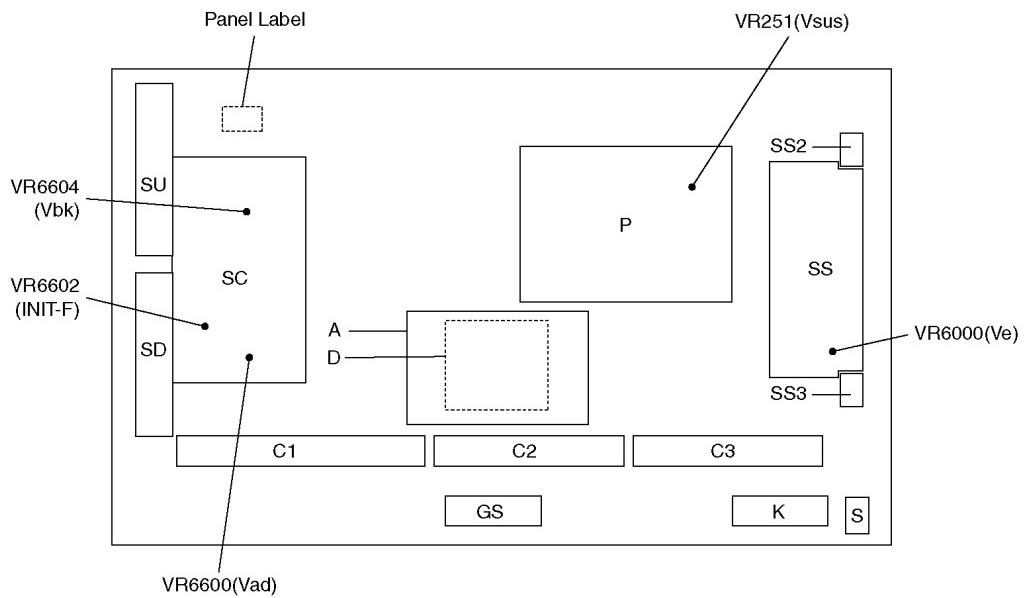
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	VR251 (P)	*
SC Board	Vad	TPVAD (SC)	-105V ± 1V	VR6600 (SC)	
	Vbk	TPVBK (SC)	155V ± 1V	VR6604 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 1V	VR6000 (SS)	*
D, DG Board	White balance and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

\*See the Panel label.

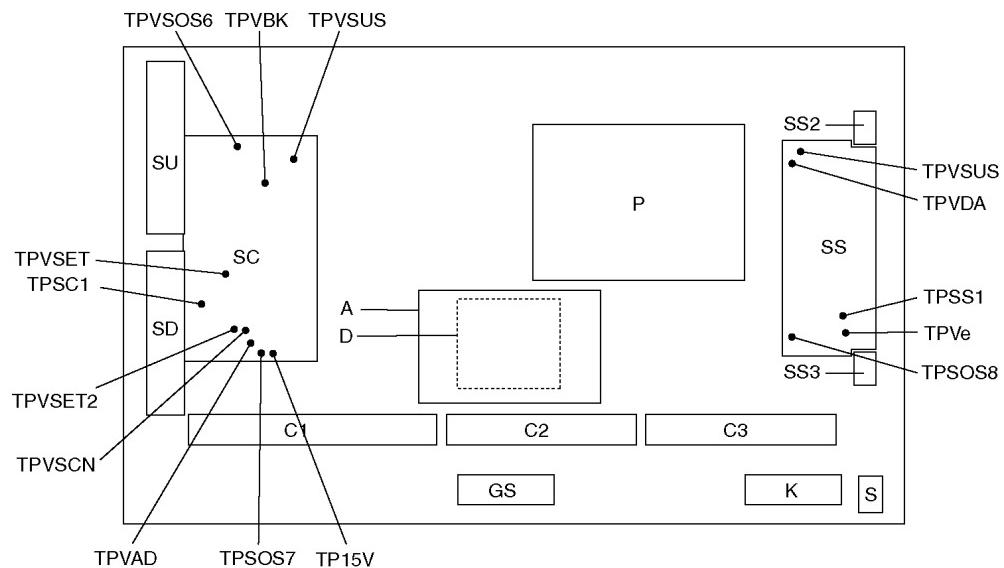
#### Caution:

Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

## 11.4. Adjustment Volume Location



## 11.5. Test Point Location



# 12 White Balance Adjustment

## 12.1. White balance adjustment

Name of measuring instrument	Connection	Remarks								
• W/B pattern • Color analyzer (Minolta CA-100 or equivalent)	Component input Panel surface									
Procedure		Remarks								
<ul style="list-style-type: none"> <li>• Ensure aging is adequate.</li> <li>• Make sure the front panel to be used on the final set is fitted.</li> <li>• Make sure a color signal is not being shown before adjustment.</li> <li>• Put the color analyzer where there is little color variation.</li> </ul> <p>1. Output a white balance pattern.      2. Check that the color temperature is "Cool".      3. Set to serviceman mode, WB-ADJ.      4. Set "R-CUT" "G-CUT" "B-CUT" the values written in table 1.      5. Attach the sensor of color analyzer to the center of highlight window.      6. Fix G drive at C0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature High" in table 2.      7. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh.      8. Set color temperature to "Normal".      9. Set "R-CUT" "G-CUT" "B-CUT" the values written in table 1.      10. Attach the sensor of color analyzer to the center of highlight window.      11. Fix G drive at C0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature Mid" in table 2.      12. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh.      13. Set color temperature to "Warm".      14. Set "R-CUT" "G-CUT" "B-CUT" the values written in table 1.      15. Attach the sensor of color analyzer to the center of highlight window.      16. Fix G drive at C0h and adjust "B-DRV" and "R-DRV" so x, y value of color analyzer become the "Color temperature Low" in table 2.      17. Increase RGB together so the maximum drive value in RGB becomes FCh. That is, set "ALL DRIVE" to FCh.      18. Set color temperature to "Cool".</p> <p>[ adjustment of "Normal" "Warm" by data shift from "Cool" adjust.]      For "Normal" "Warm" adjustment, set values that the adjusted value of "Cool" plus the figures wrote below.</p> <p>19. Copy values adjusted by HD pattern to the NTSC data area of EEPROM.</p> <table style="margin-left: 40px;"> <tr> <td>Normal :</td> <td>R-DRV : 0h</td> <td>G-DRV : -2h</td> <td>B-DRV : -22h</td> </tr> <tr> <td>Warm :</td> <td>R-DRV : 0h</td> <td>G-DRV : -Ah</td> <td>B-DRV : -62h</td> </tr> </table>		Normal :	R-DRV : 0h	G-DRV : -2h	B-DRV : -22h	Warm :	R-DRV : 0h	G-DRV : -Ah	B-DRV : -62h	
Normal :	R-DRV : 0h	G-DRV : -2h	B-DRV : -22h							
Warm :	R-DRV : 0h	G-DRV : -Ah	B-DRV : -62h							

Table 1: R-CUT,G-CUT,B-CUT setting data

Color temperature	R-CUT	G-CUT	B-CUT
High(Cool)	80	80	80
Mid	80	80	80
Low(Warm)	80	80	80

Table 2: W/B adjustment values

Color temperature	x	y
High(Cool)	0.276	0.276
Mid	0.288	0.296
Low(Warm)	0.313	0.329

Table 3: EEPROM data addresses

SD/ Color temperature High	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0240 0241 0242 0243 0244 0245
SD/ Color temperature Mid	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0246 0247 0248 0249 024A 024B
SD/ Color temperature Low	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	024C 024D 024E 024F 0250 0251
HD/ Color temperature High	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0252 0253 0254 0255 0256 0257
HD/ Color temperature Mid	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	0258 0259 025A 025B 025C 025D
HD/ Color temperature Low	R-CUTOFF G-CUTOFF B-CUTOFF R-DRIVE G-DRIVE B-DRIVE	025E 025F 0260 0261 0262 0263

## 13 Hotel mode

### 1. Purpose

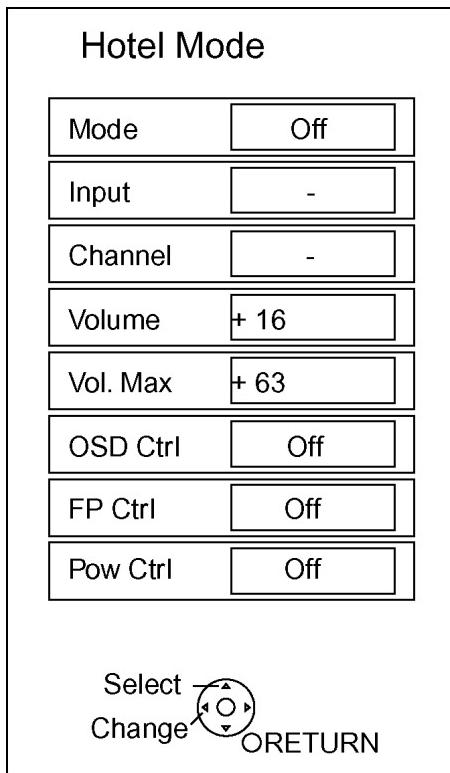
Restrict a function for hotels.

### 2. Access command to the Hotel mode setup menu

In order to display the Hotel mode setup menu, please enter the following command (**within 2 second**).

[TV] : Vol. "Down" + [REMOTE] : TV/VIDEO (3 times)

Then, the Hotel mode setup menu is displayed.



### 3. To exit the Hotel mode setup menu

Disconnect AC power code from wall outlet.

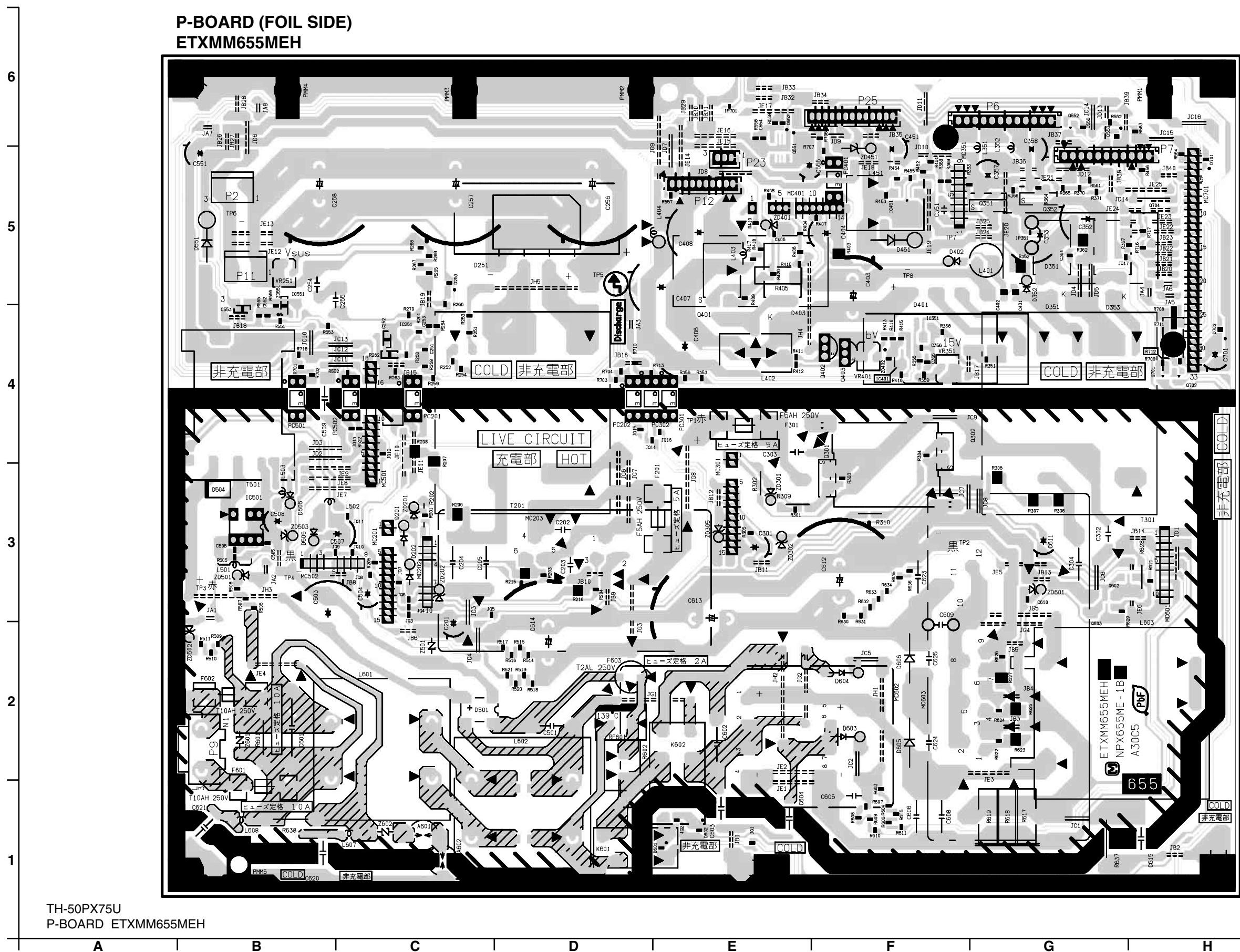
### 4. Explain the Hotel mode setup menu

item	Function
Mode	Select hotel mode ON/OFF
Input	Select input signal modes. Set the input, when each time power is switched on. Selection: -/RF/COMP1/COMP2/HDMI1/HDMI2/ VIDEO1/VIDEO2 · Off: give priority to a last memory.
Channel	Select channel when input signal is RF. Set the channel, each time power is switched on. Selection: Any channel number or "-". "-" means the channel when turns off.
Volume	Adjust the volume when each time power is switched on. Range: 0 to 63
Vol. Max	Adjust maximum volume. Range: 0 to 63
OSD Ctrl	Restrict the OSD. Selection: OFF/PATTERN1 · OFF: No restriction · PATTERN1: restriction
FP Ctrl	Select front key conditions. Selection: Off/Pattern1/All · Off: altogether valid. · Pattern: only input key is valid. · All: altogether invalid.
Pow Ctrl	Select POWER-ON/OFF condition when AC power cord is disconnected and then connected. OFF: The same condition when AC power cord is disconnected. ON: Forced power ON condition.

## 14 Conductor Views

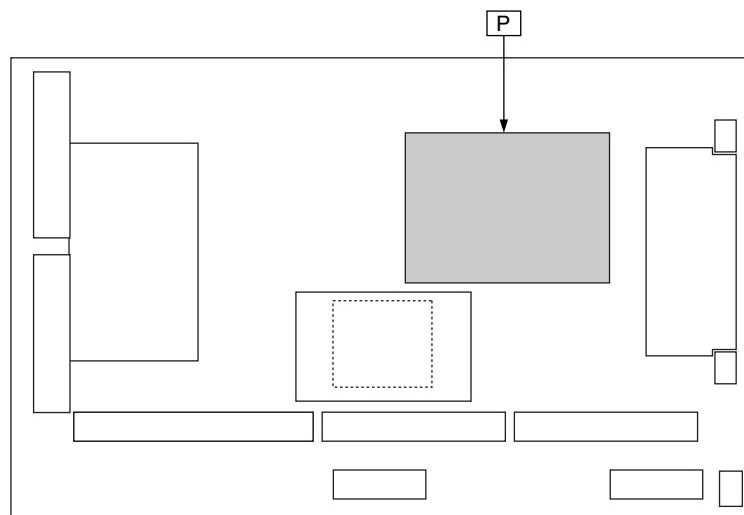
## 14.1. P-Board

**P-BOARD (FOIL SIDE)  
ETXMM655MEH**



TH-50PX75U  
P-BOARD ETXMM655MEH

TH-50PX75U  
P-BOARD ETXMM655MEH

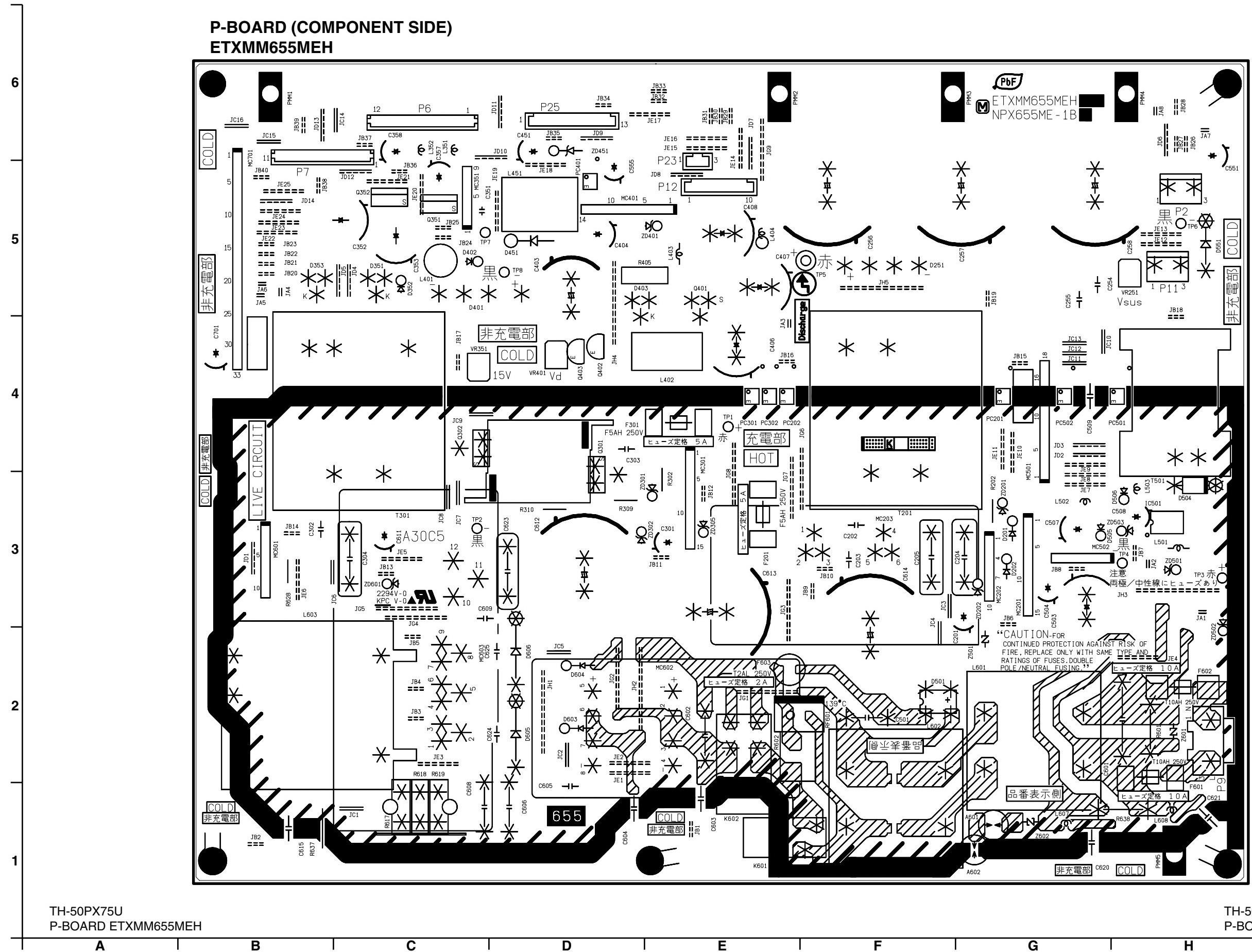
**Parts Location**

		P-BOARD (FOIL SIDE)					
IC		TRANSISTOR		PHOTO COUPLER			
IC251	C-4	Q301	F-3	PC201	C-4		
IC351	F-4	Q302	F-4	PC202	D-4		
IC401	F-4	Q351	G-5	PC301	E-4		
IC451	F-5	Q352	G-5	PC302	E-4		
IC501	B-3	Q401	E-4	PC401	F-5		
IC551	B-5	Q402	F-4	PC501	B-4		
<b>MODULE</b>		Q403	F-4	PC502	C-4		
MC201	C-3	Q551	E-5				
MC202	C-3	Q552	G-6				
MC203	D-3	Q602	G-3				
MC301	E-3	Q603	G-2				
MC351	F-5	Q701	H-4				
MC401	E-5	Q702	H-4				
MC501	C-4	Q704	H-5				
MC502	B-3						
MC601	H-3						
MC602	F-2						
MC603	F-2						
MC701	H-5						

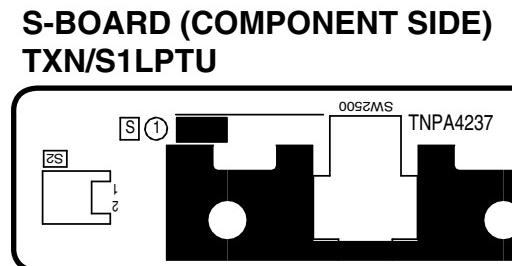
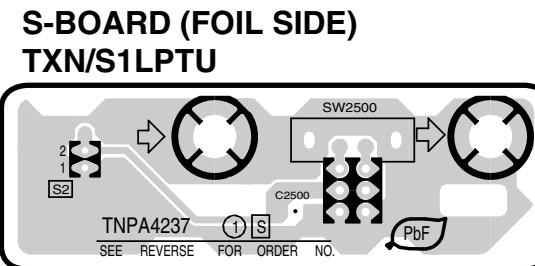
**Parts Location**

		P-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR		PHOTO COUPLER			
IC501	H-3	Q301	D-4	PC201	G-4		
Q302	C-4	Q351	C-5	PC202	E-4		
Q352	C-5	Q401	E-5	PC301	E-4		
Q402	D-4	Q403	D-4	PC302	E-4		
MC201	G-3	MC203	F-3	PC401	D-5		
MC202	G-3	MC301	E-3	PC501	H-4		
MC351	C-5	MC351	C-5	PC502	G-4		
MC401	D-5	MC401	D-5				
MC501	G-4	MC502	G-3				
MC502	G-3	MC601	B-3				
MC601	B-3	MC602	E-2				
MC602	E-2	MC603	C-2				
MC603	C-2	MC701	B-5				
MC701	B-5	VR251	H-5				
		VR351	C-4				
		VR401	D-4				

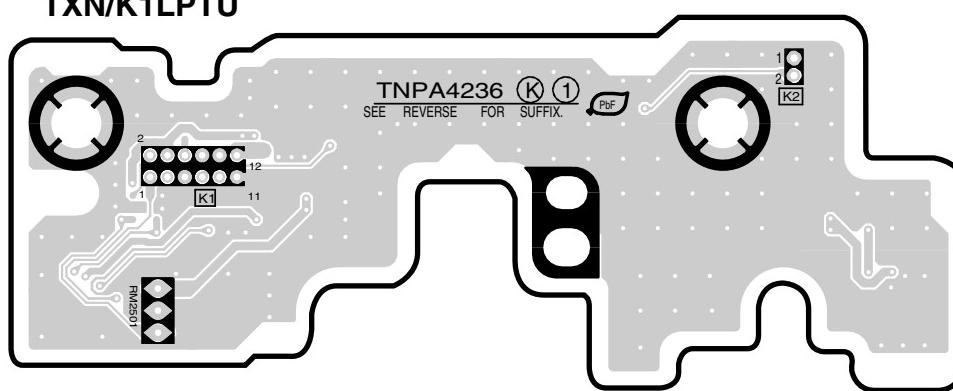
## P-BOARD (COMPONENT SIDE) ETXMM655MEH



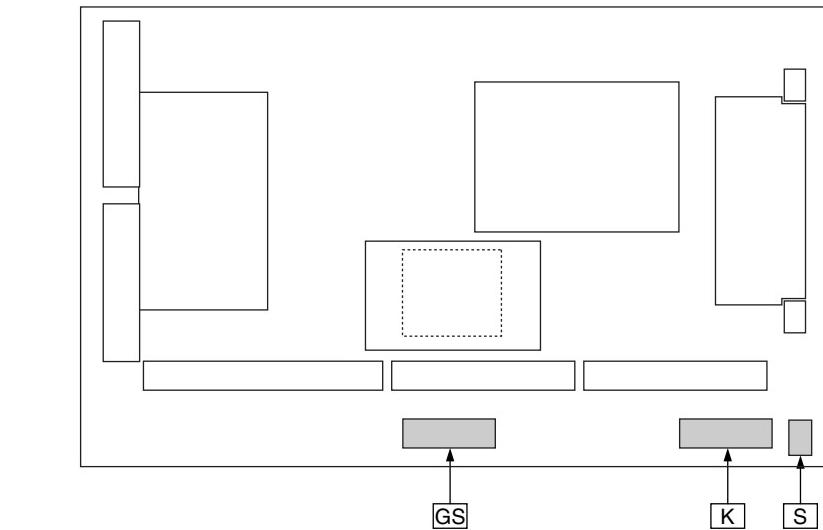
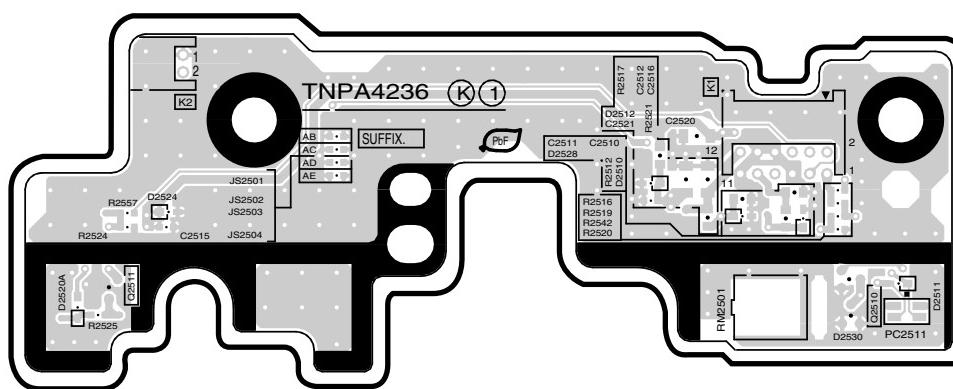
## 14.2. GS, K and S-Board



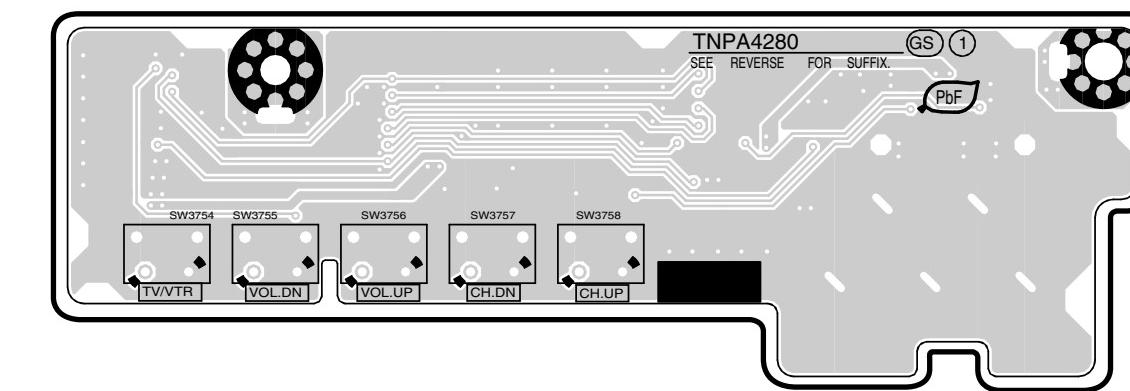
**K-BOARD (FOIL SIDE)  
TXN/K1LPTU**



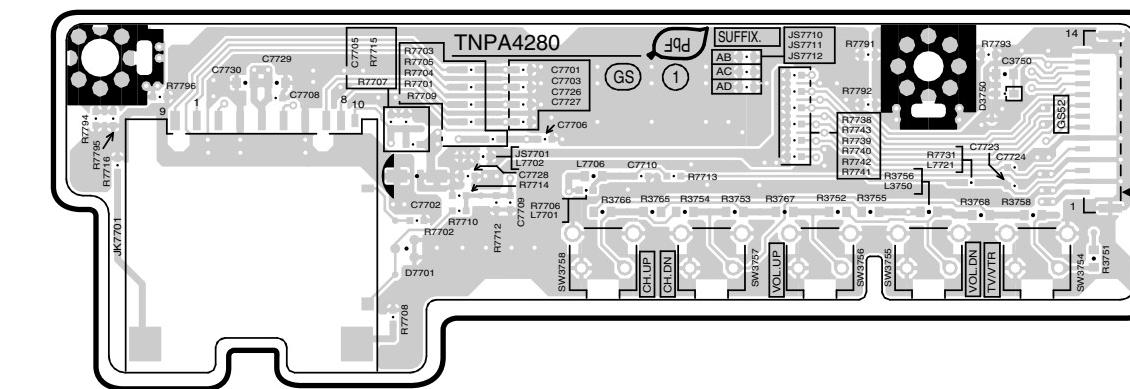
**K-BOARD (COMPONENT SIDE)  
TXN/K1LPTU**



**GS-BOARD (FOIL SIDE)  
TXNGS1LPTU**



**GS-BOARD (COMPONENT SIDE)  
TXNGS1LPTU**

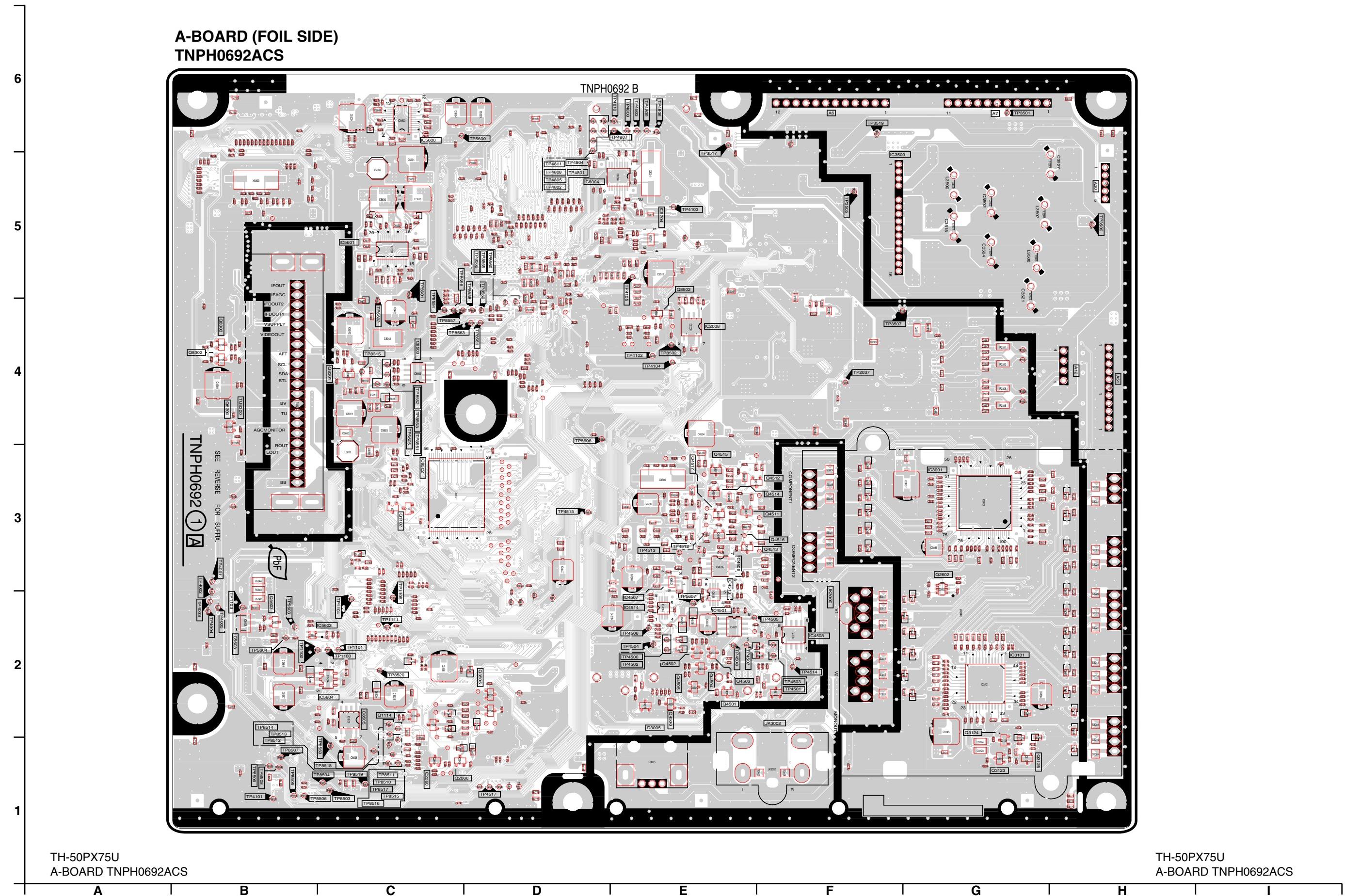


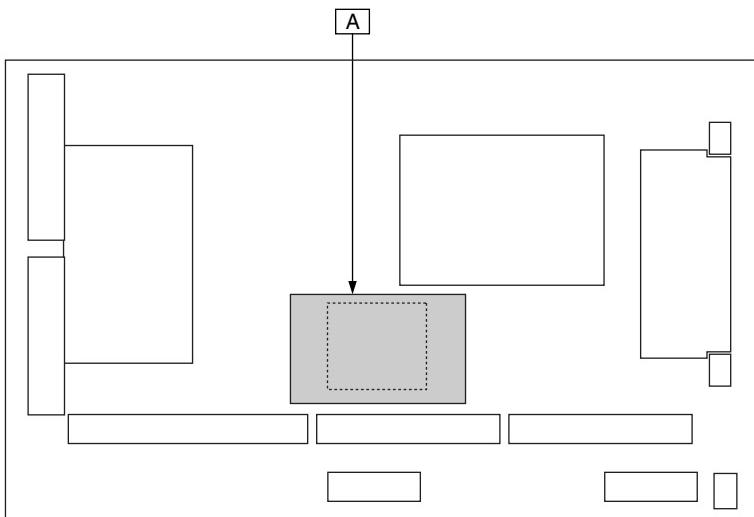
TH-50PX75U  
S-BOARD TXN/S1LPTU  
K-BOARD TXN/K1LPTU  
GS-BOARD TXNGS1LPTU

TH-50PX75U  
S-BOARD TXN/S1LPTU  
K-BOARD TXN/K1LPTU  
GS-BOARD TXNGS1LPTU

### 14.3. A-Board

**A-BOARD (FOIL SIDE)  
TNPH0692ACS**



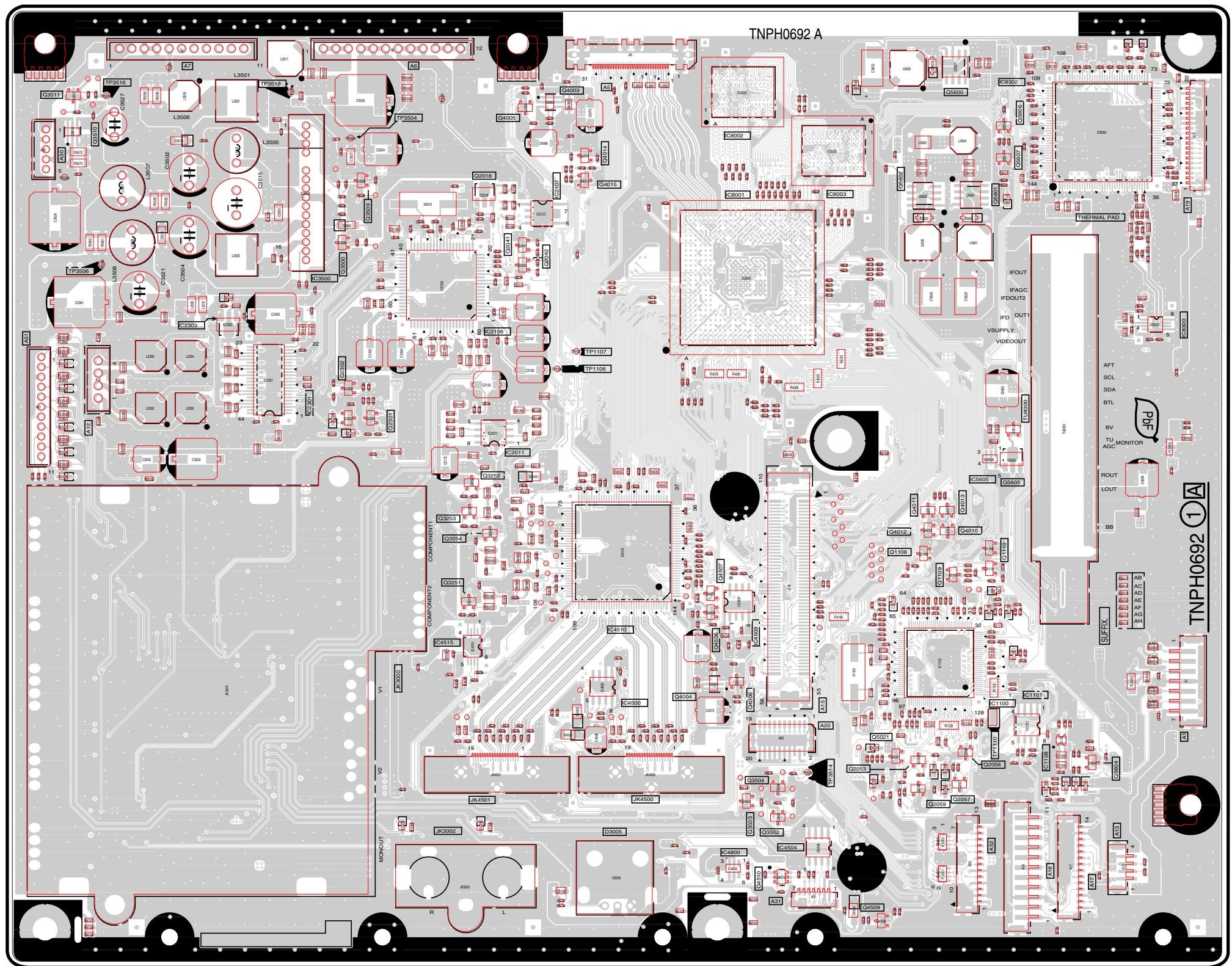
**Parts Location**

A-BOARD (FOIL SIDE)						
IC	TRANSISTOR		TP			
IC2008	E-4	Q1107	C-3	TP1100	C-2	TP4512
IC3001	G-3	Q1114	C-2	TP1101	C-2	TP4513
IC3101	G-2	Q2060	C-1	TP1102	B-2	TP4514
IC4501	E-2	Q2066	C-1	TP1103	B-2	TP4515
IC4506	E-3	Q2602	G-3	TP1104	C-2	TP4800
IC4507	E-2	Q3123	G-1	TP1105	C-2	TP4801
IC4508	F-2	Q3124	G-2	TP1111	C-2	TP4802
IC4513	E-2	Q3125	G-1	TP2037	F-4	TP4803
IC4514	E-2	Q3505	D-2	TP3501	G-6	TP4804
IC5600	C-6	Q4500	E-2	TP3505	F-5	TP4805
IC5601	C-5	Q4501	E-2	TP3507	F-4	TP4806
IC5602	C-2	Q4502	E-2	TP3509	H-5	TP4807
IC5603	B-2	Q4503	E-2	TP3517	E-6	TP4808
IC5604	C-2	Q4504	E-2	TP3519	F-6	TP4809
IC5704	E-5	Q4505	E-2	TP4001	B-3	TP4810
IC8004	D-5	Q4511	F-3	TP4002	B-2	TP4811
IC8502	C-3	Q4512	F-3	TP4003	B-2	TP4812
IC8503	C-4	Q4513	F-3	TP4004	B-2	TP4813
IC8505	C-2	Q4514	F-3	TP4005	B-2	TP4814
		Q4515	E-3	TP4101	B-1	TP4815
		Q4516	F-3	TP4102	E-4	TP4816
		Q4517	E-3	TP4103	E-5	TP4817
		Q5603	B-2	TP4104	E-4	TP4818
		Q8300	B-4	TP4105	E-5	TP4819
		Q8301	C-4	TP4500	E-2	TP4820
		Q8302	B-4	TP4501	F-2	TP4821
		Q8303	B-4	TP4502	E-2	TP4822
		Q8502	E-4	TP4503	F-2	TP4823
				TP4504	E-2	TP4824
				TP4505	F-2	TP4825
				TP4506	E-2	TP4826
				TP4507	E-2	TP4827
				TP4508	E-2	TP4828

**Parts Location**

A-BOARD (COMPONENT SIDE)						
IC	TRANSISTOR					TP
IC1100	G-2	Q1108	F-3	Q4003	E-6	TP1106
IC1101	G-2	Q1109	G-3	Q4004	E-2	TP1107
IC1108	G-2	Q1110	G-3	Q4005	D-5	TP1110
IC2011	D-4	Q2018	D-5	Q4006	F-2	TP3504
IC2106	D-4	Q2041	D-5	Q4010	G-3	TP3506
IC2107	D-5	Q2042	D-5	Q4011	F-3	TP3508
IC2301	C-4	Q2053	F-2	Q4012	F-3	TP3514
IC2303	C-4	Q2056	G-2	Q4013	G-3	TP3516
IC3500	C-5	Q2057	G-2	Q4014	E-5	TP3518
IC4500	E-2	Q2059	G-2	Q4015	E-5	
IC4504	F-1	Q2301	D-4	Q4506	E-3	
IC4509	F-3	Q2302	B-4	Q4507	E-3	
IC4510	E-3	Q3251	D-3	Q4509	F-1	
IC4515	D-3	Q3252	D-3	Q4510	F-1	
IC4800	E-1	Q3253	D-3	Q5021	F-2	
IC5605	G-3	Q3254	D-3	Q5600	G-6	
IC8001	E-5	Q3500	B-5	Q5601	G-5	
IC8002	E-5	Q3502	F-2	Q5602	F-5	
IC8003	F-5	Q3503	F-2	Q5604	G-2	
IC8300	H-4	Q3504	F-2	Q5605	G-3	
IC8302	G-6	Q3509	B-5	Q5606	G-5	
		Q3510	A-5	Q5607	G-5	
		Q3511	A-6			

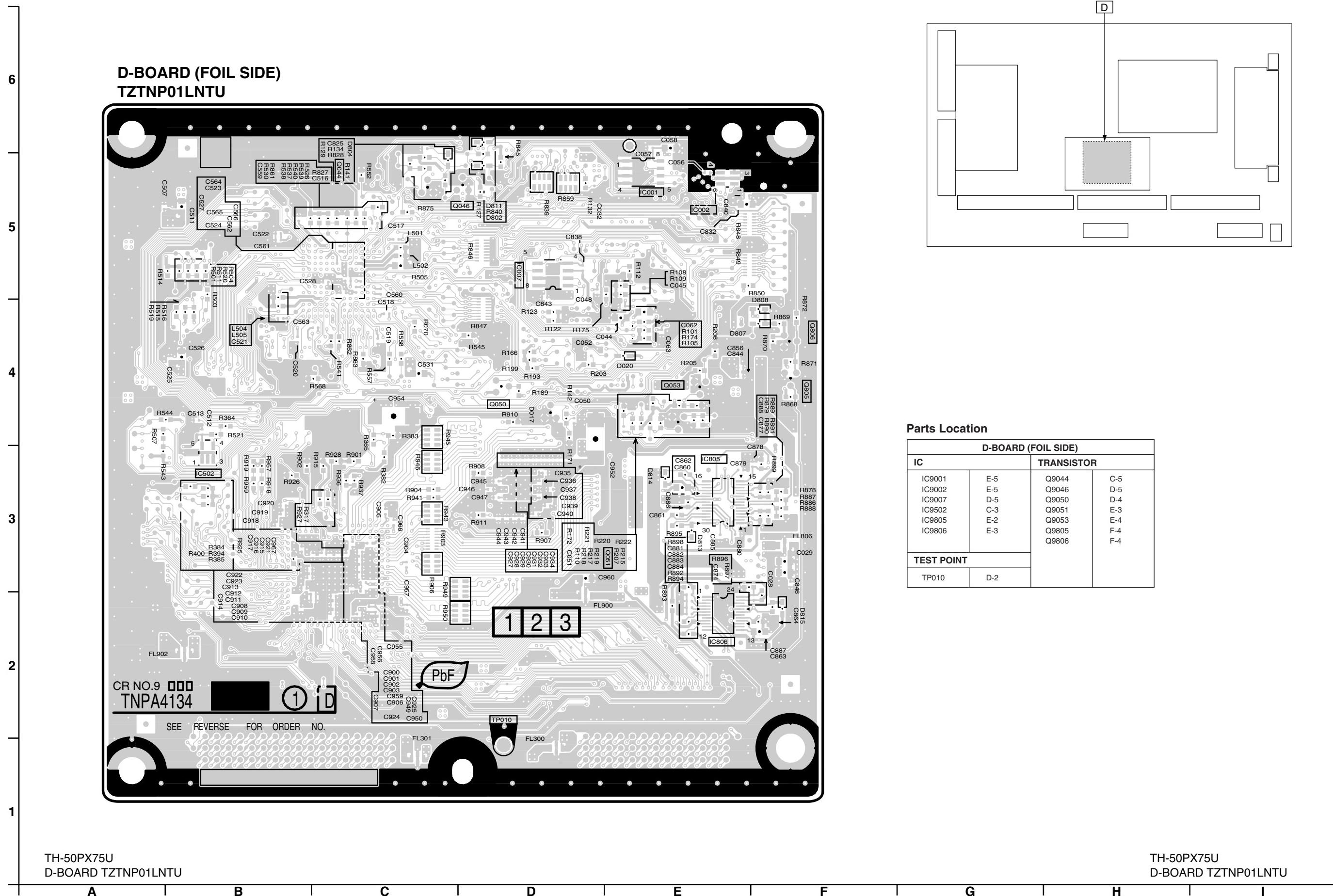
# A-BOARD (COMPONENT SIDE) TNPH0692ACS



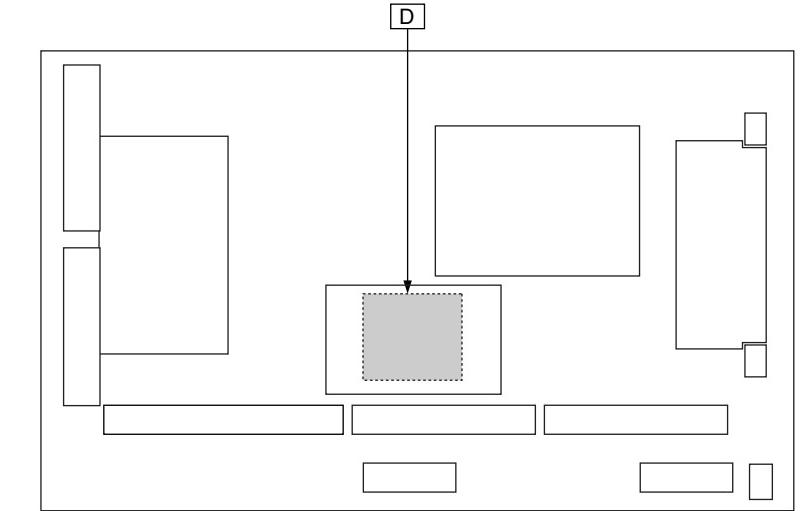
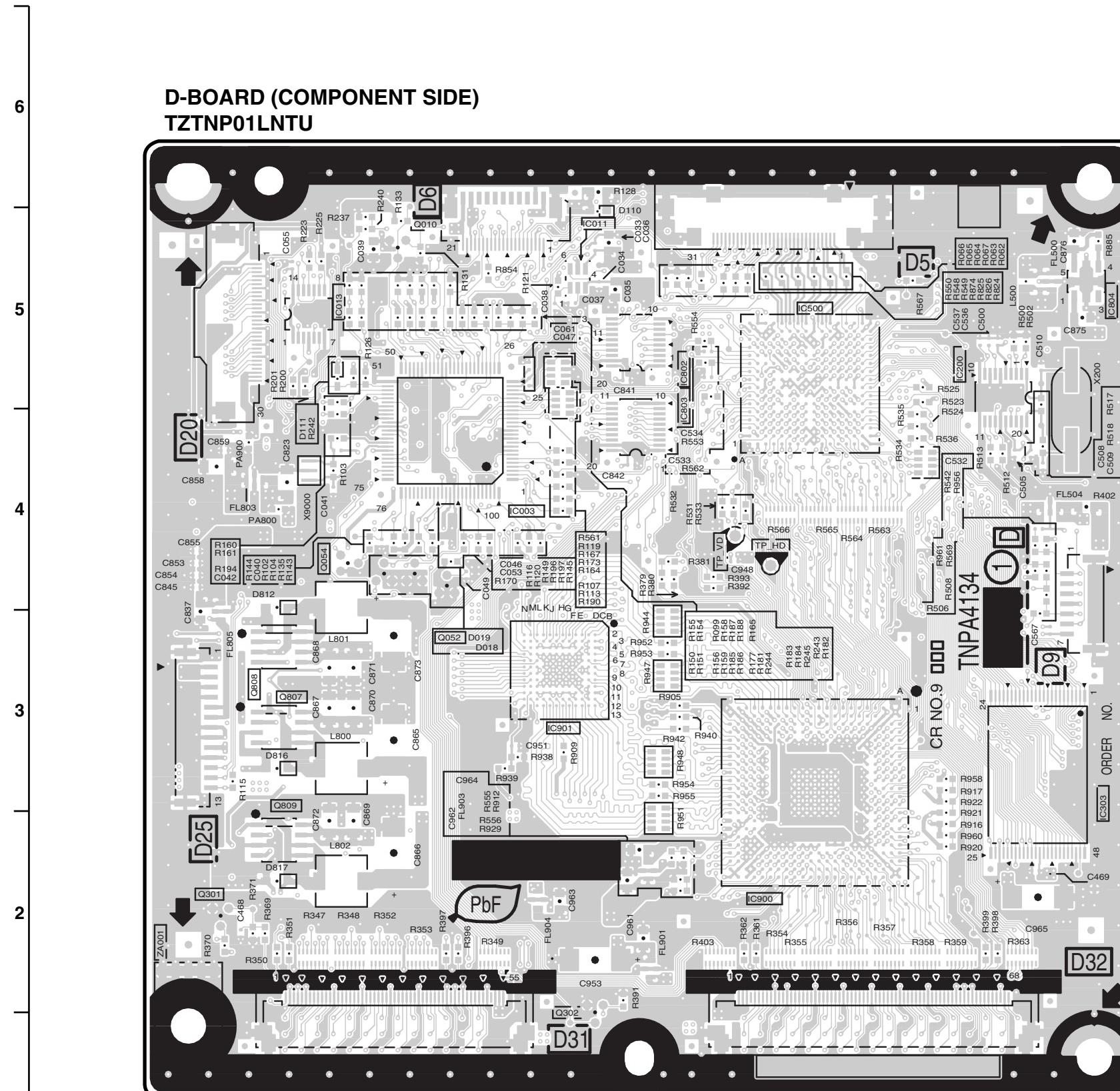
TH-50PX75U  
A-BOARD TNPH0692ACS

TH-50PX75U  
A-BOARD TNPH0692ACS

## 14.4. D-Board



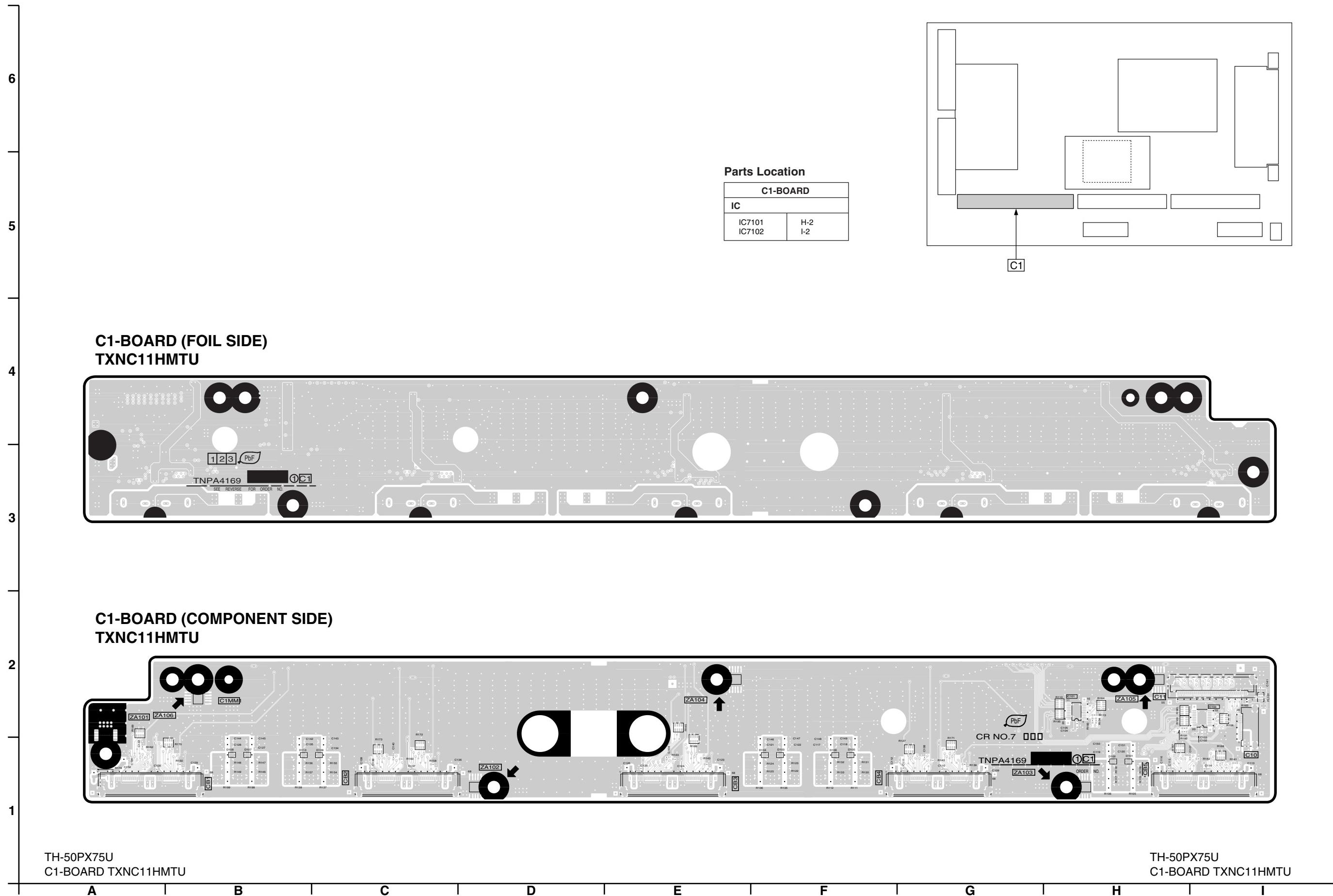
## D-BOARD (COMPONENT SIDE) TZTNP01LNTU



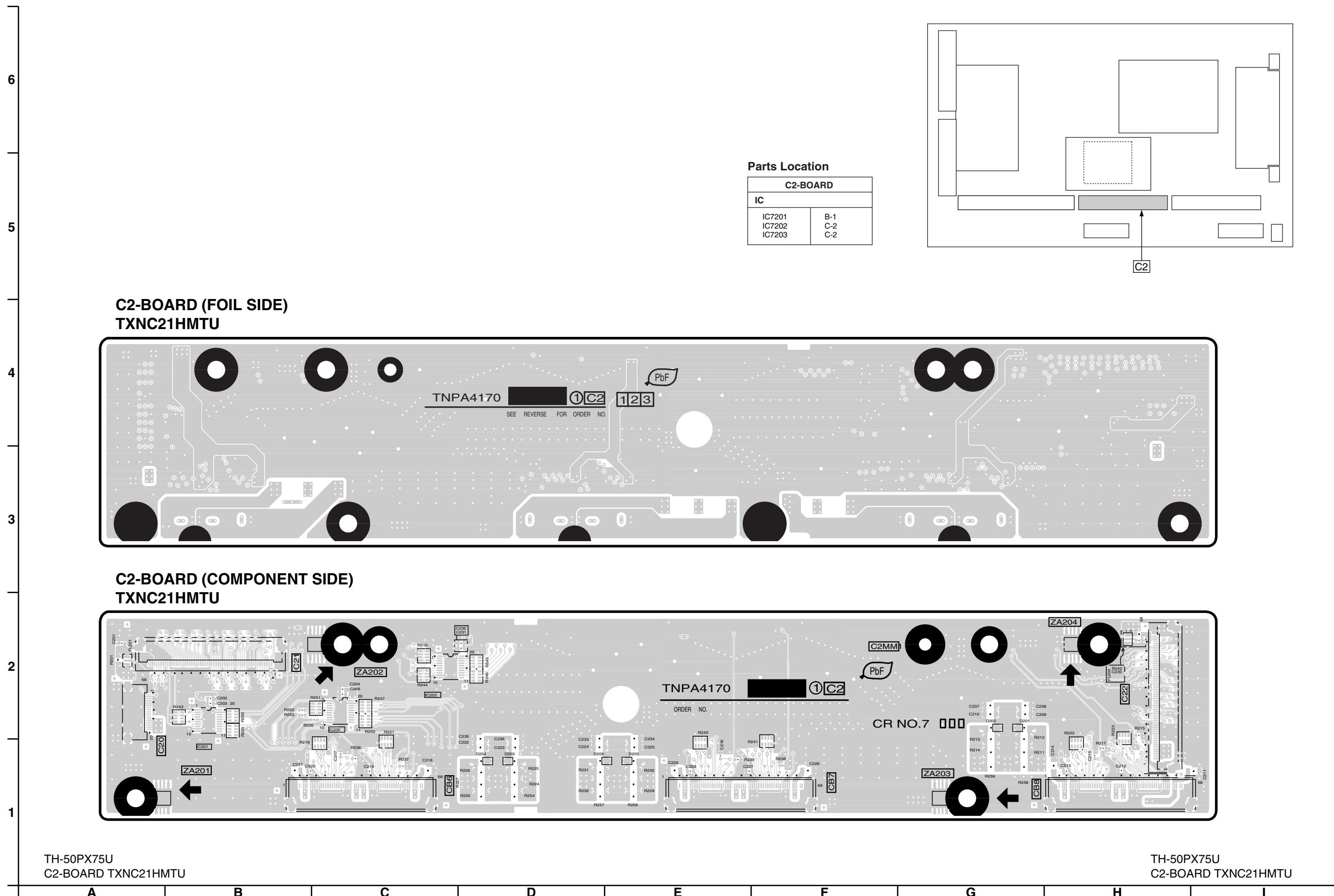
## Parts Location

D-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC9003	C-4	Q9010	B-5
IC9011	C-5	Q9052	C-3
IC9013	B-5	Q9054	B-4
IC9200	E-5	Q9301	A-2
IC9303	F-3	Q9302	C-1
IC9500	D-5	Q9807	B-3
IC9802	D-5	Q9808	B-3
IC9803	D-4	Q9809	B-3
IC9804	F-5	<b>TP</b>	
IC9900	D-2	TP-HD	
IC9901	C-3	TP-VD	
		D-4	
		D-4	

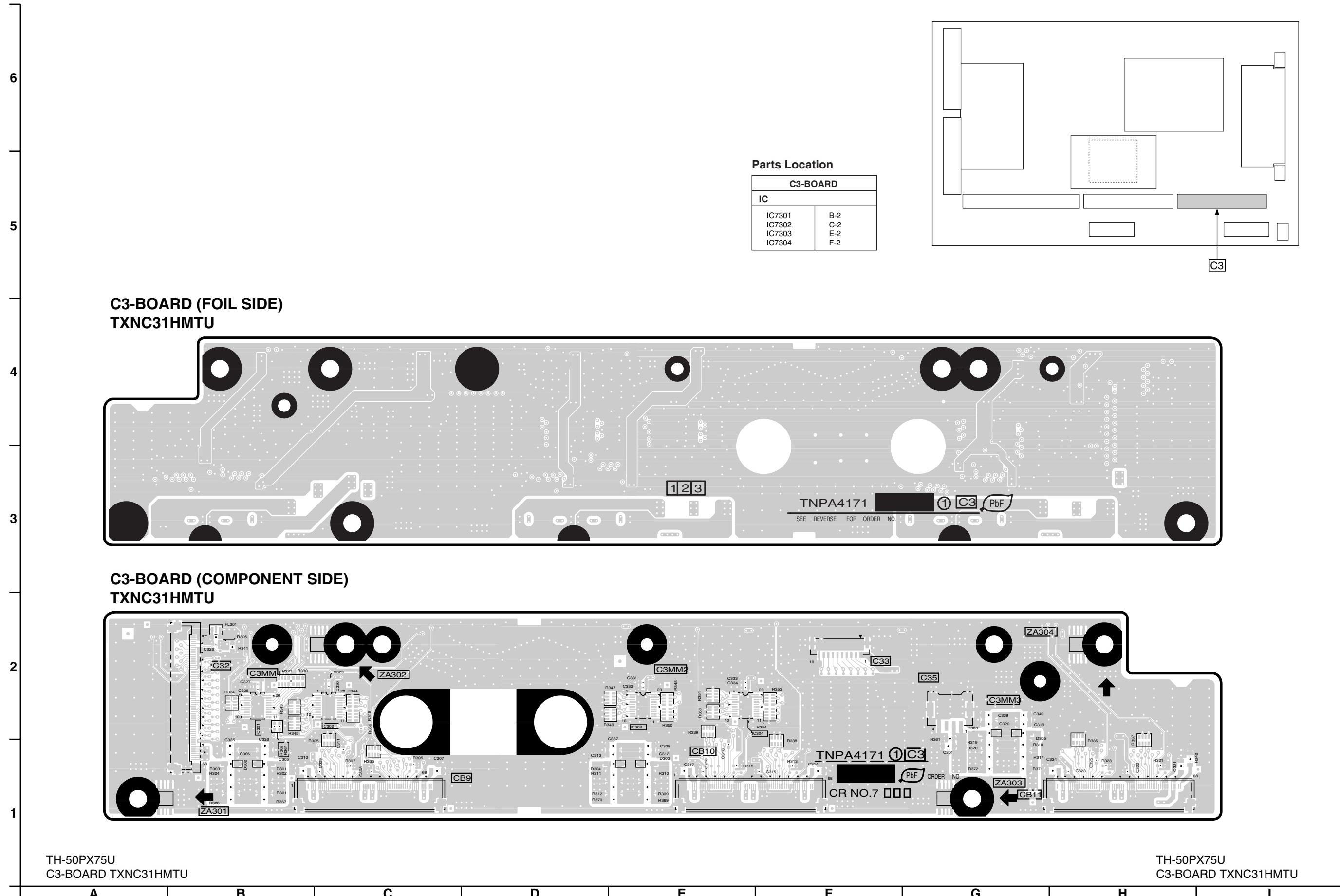
## 14.5. C1-Board



## 14.6. C2-Board

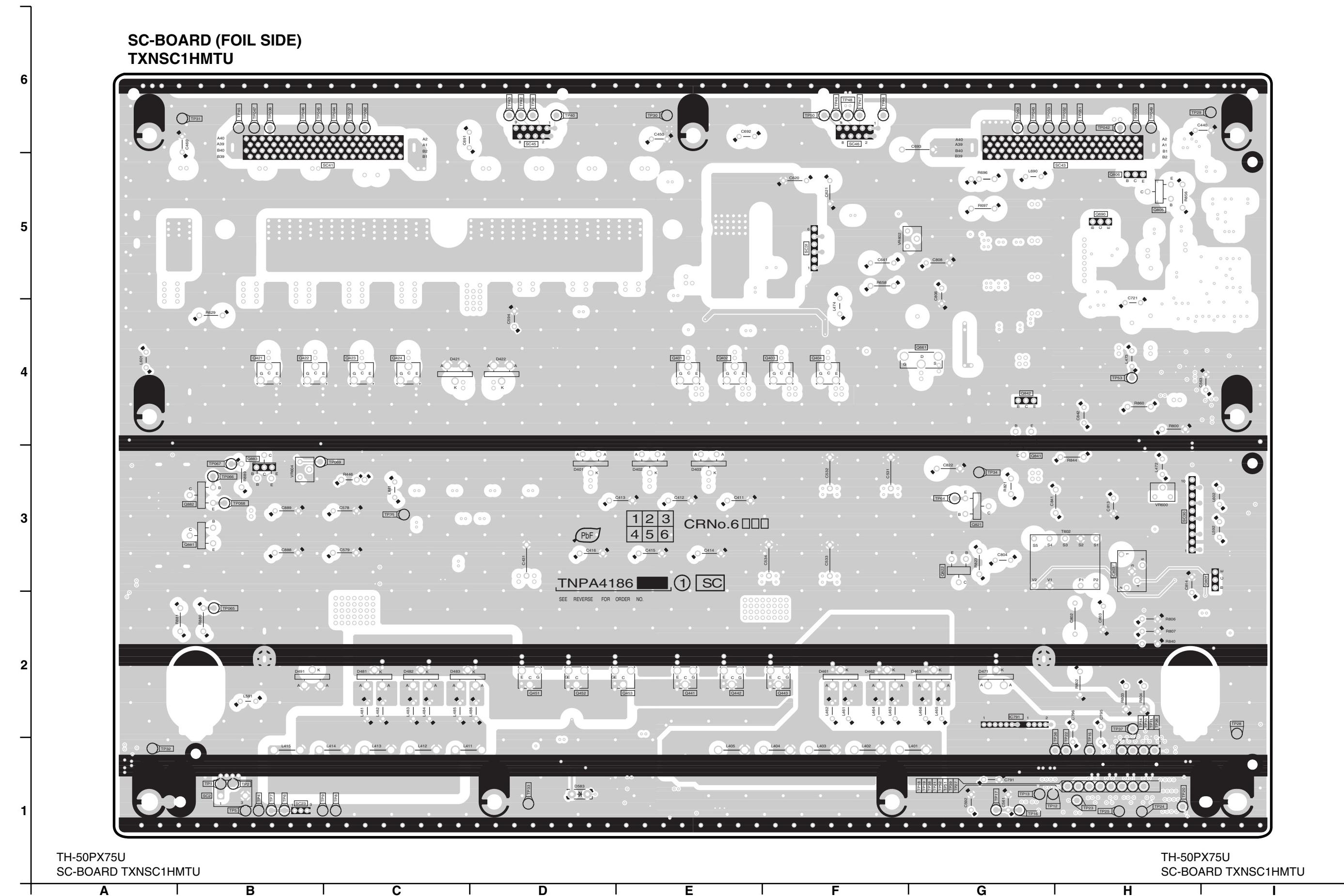


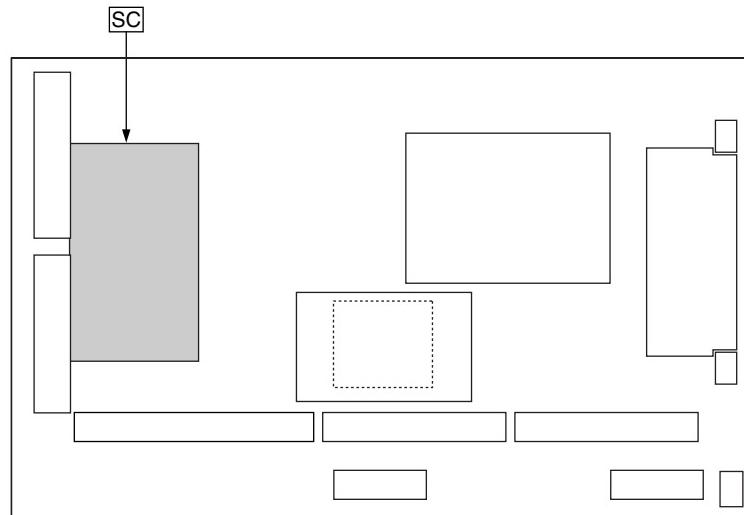
## 14.7. C3-Board



## 14.8. SC-Board

**SC-BOARD (FOIL SIDE)**  
**TXNSC1HMTU**



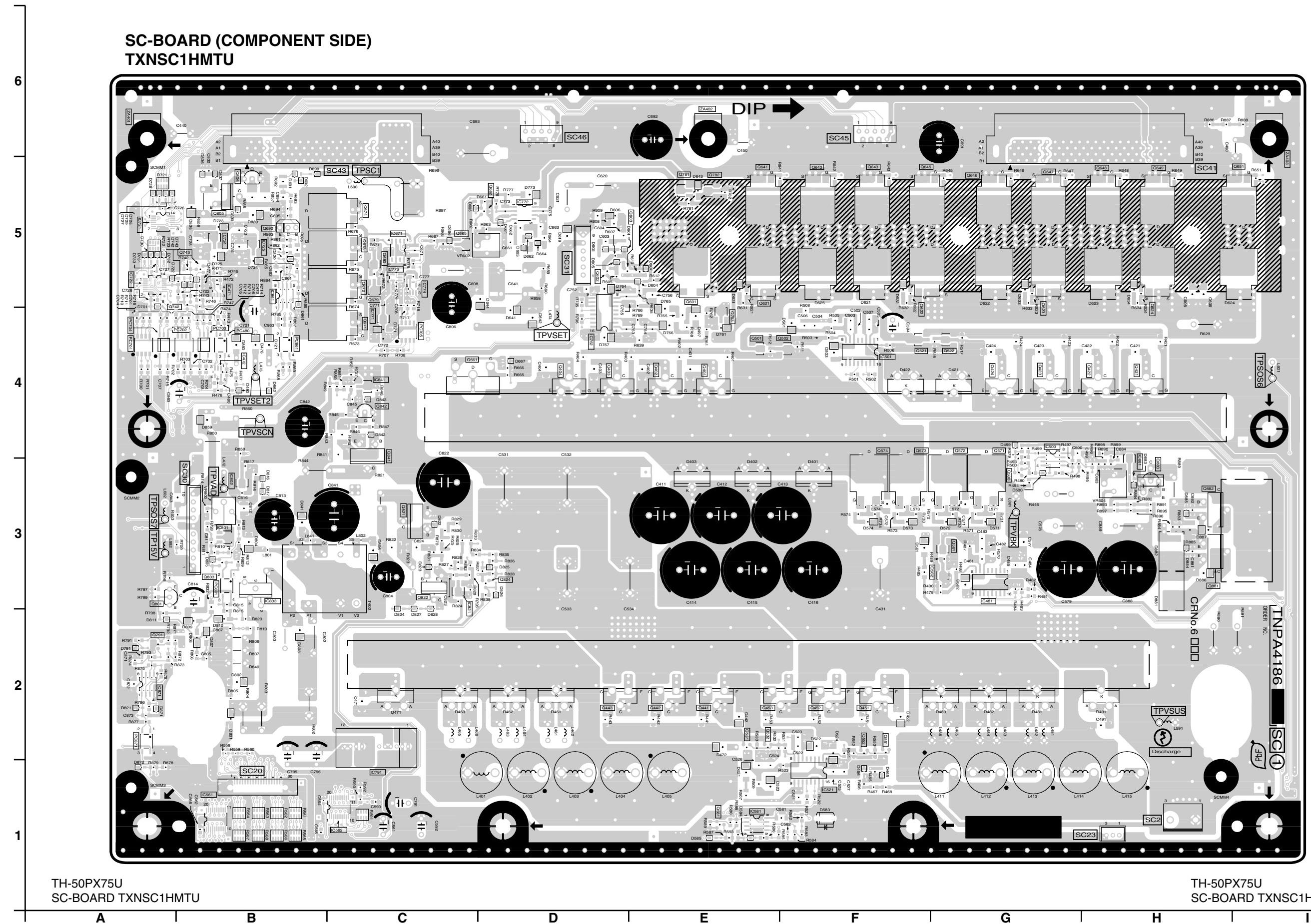
**Parts Location**

SC-BOARD (FOIL SIDE)			
TRANSISTOR		TP	
IC6791	G-2	TP41	D-6
IC6803	H-3	TP42	D-6
		TP43	D-6
		TP45	B-6
		TP46	F-6
		TP47	F-6
		TP48	F-6
		TP49	F-6
		TP50	F-6
		TP51	G-1
		TP52	G-1
		TP53	H-4
		TP64	G-3
		TP036	B-6
		TP037	C-6
		TP042	H-6
		TP043	G-6
		TP044	C-6
		TP045	B-6
		TP046	B-6
		TP047	B-6
		TP049	H-6
		TP050	H-6
		TP051	H-6
		TP052	G-6
		TP053	G-6
		TP062	C-6
		TP063	G-6
		TP065	B-2
		TP066	B-3
		TP067	B-3
		TP068	B-3
		TP069	B-3
		VOLUME	
		TP35	C-3
		TP36	G-1
		TP37	H-2
		TP38	G-1
		TP39	G-1
		TP40	D-6

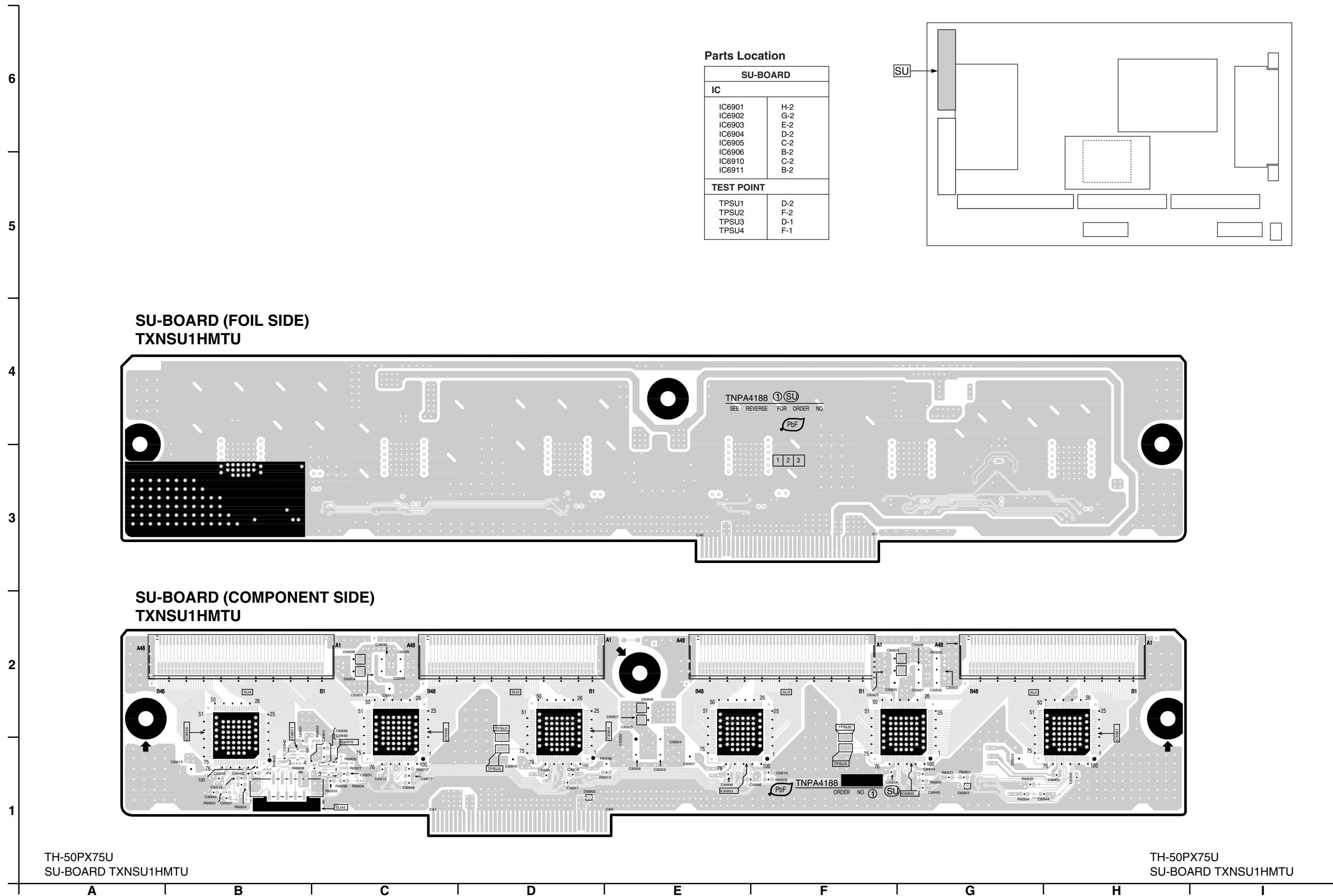
**Parts Location**

SC-BOARD (COMPONENT SIDE)			
IC	PHOTO COUPLER		
IC6471	B-5	PC6480	B-4
IC6472	B-4	PC6701	A-4
IC6481	G-3	PC6702	B-4
IC6500	G-4	PC6703	B-4
IC6501	F-4	PC6704	A-4
IC6521	F-1	PC6705	C-4
IC6561	B-1	PC6801	B-3
IC6562	C-1	PC6861	B-4
IC6581	E-1	PC6871	A-2
IC6671	C-5		
IC6721	A-5		
IC6722	A-5	Q6401	E-4
IC6724	B-5	Q6402	E-4
IC6725	B-5	Q6403	D-4
IC6752	D-4	Q6404	D-4
IC6771	C-4	Q6421	H-4
IC6772	D-5	Q6422	H-4
IC6773	C-5	Q6423	G-4
IC6774	C-5	Q6424	G-4
IC6791	C-1	Q6441	E-2
IC6801	B-3	Q6442	E-2
IC6802	B-3	Q6443	D-2
IC6803	B-3	Q6451	F-2
IC6821	C-3	Q6452	F-2
IC6841	C-4	Q6453	E-2
IC6861	B-5	Q6500	G-3
IC6871	A-2	Q6501	E-4
IC6881	H-4	Q6502	F-4
		Q6521	F-4
		Q6522	G-4
		Q6531	E-2
		Q6532	E-2
		Q6551	F-2
		Q6552	F-2
		Q6561	G-3
		Q6562	G-3
		Q6571	G-3
		Q6572	G-3
		Q6573	F-3
		Q6574	F-3
		Q6581	E-1
		Q6601	E-5
		Q6602	D-5
		Q6603	D-5
		Q6621	E-5
		Q6622	F-5
		Q6623	G-5
		Q6624	H-5
		Q6641	E-5
		Q6642	F-5
		Q6643	F-5
		Q6645	F-5
		Q6646	G-5
		Q6647	G-5
		Q6648	H-5
		Q6649	H-5
		Q6651	I-5
		Q6661	C-4
		Q6662	D-5
		Q6665	C-5
		Q6671	C-4
		Q6672	C-5
		Q6673	C-5
		Q6674	C-5
		Q6679	C-5
		Q6680	C-5
		Q6690	B-5
		Q6742	A-4
		Q6743	B-5
		Q6763	E-4
		Q6781	E-5
		Q6782	E-5
		Q6791	A-2
		TP	
		TP15V	A-3
		TPSC1	C-5
		TPSOS6	I-4
		TPSOS7	A-3
		TPVAD	B-3
		TPVBK	G-3
		TPVSCN	B-4
		TPVSET	D-4
		TPVSET2	B-4
		TPVSUS	H-2
		VOLUME	
		VR6600	B-3
		VR6602	C-5
		VR6604	H-3

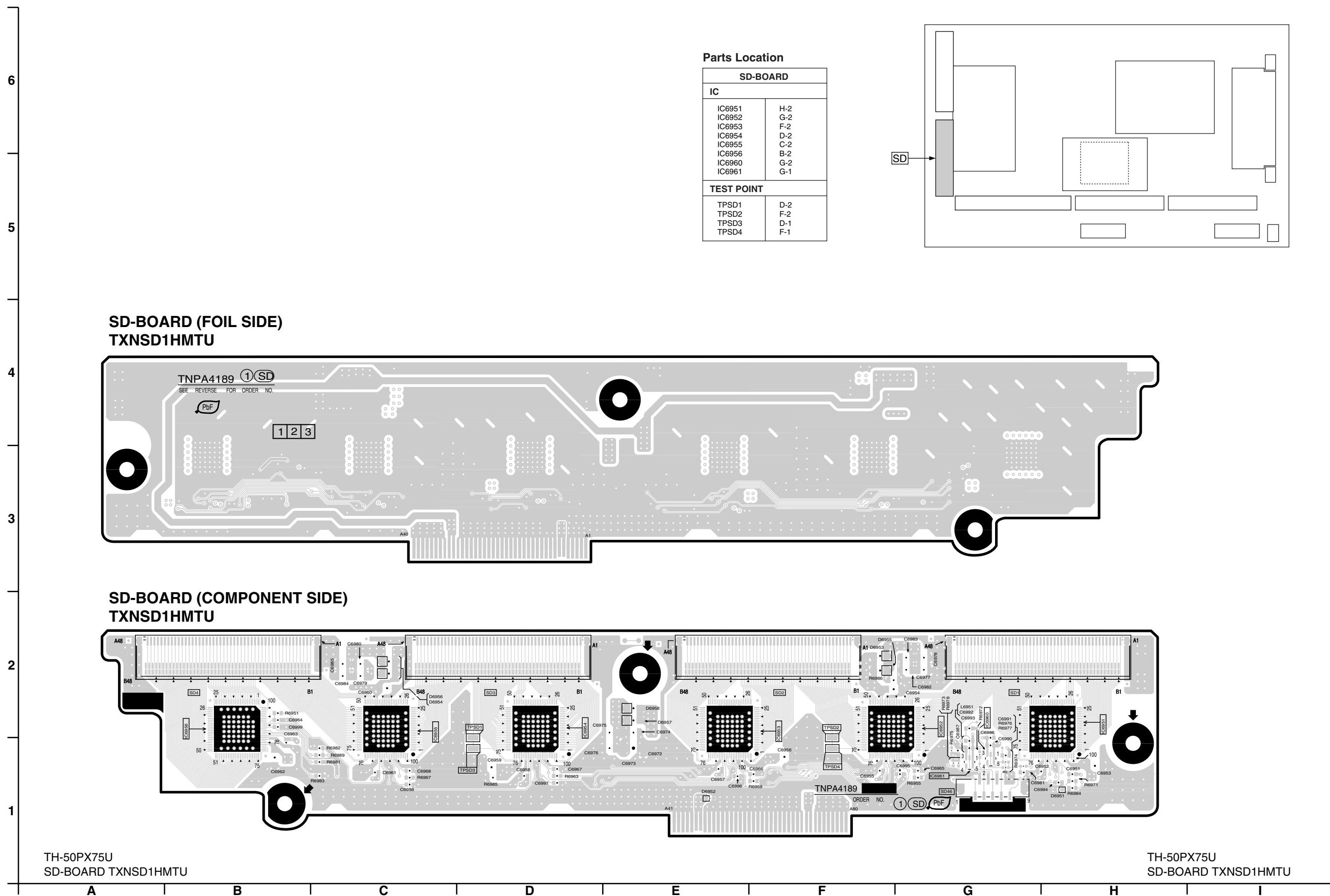
## **SC-BOARD (COMPONENT SIDE) TXN<sup>S</sup>C1HMTU**



## 14.9. SU-Board



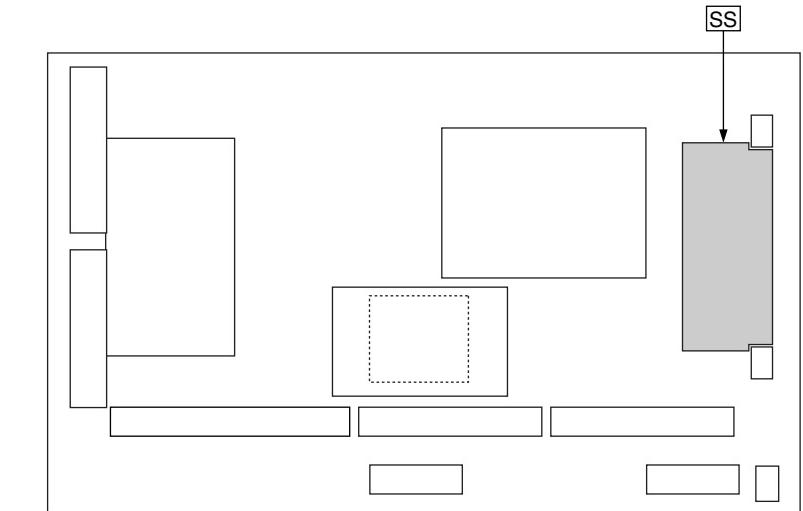
## 14.10. SD-Board



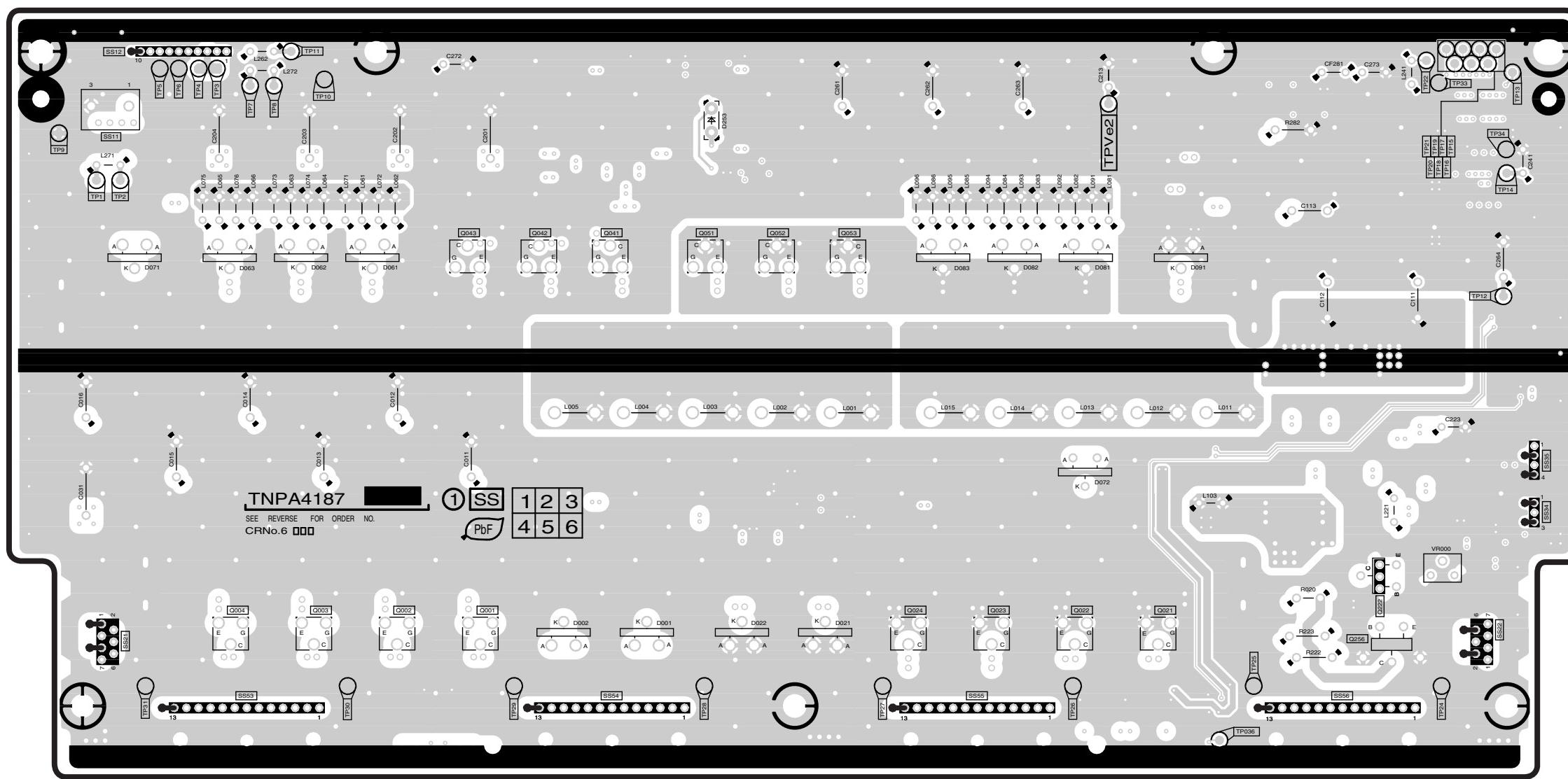
## 14.11. SS-Board

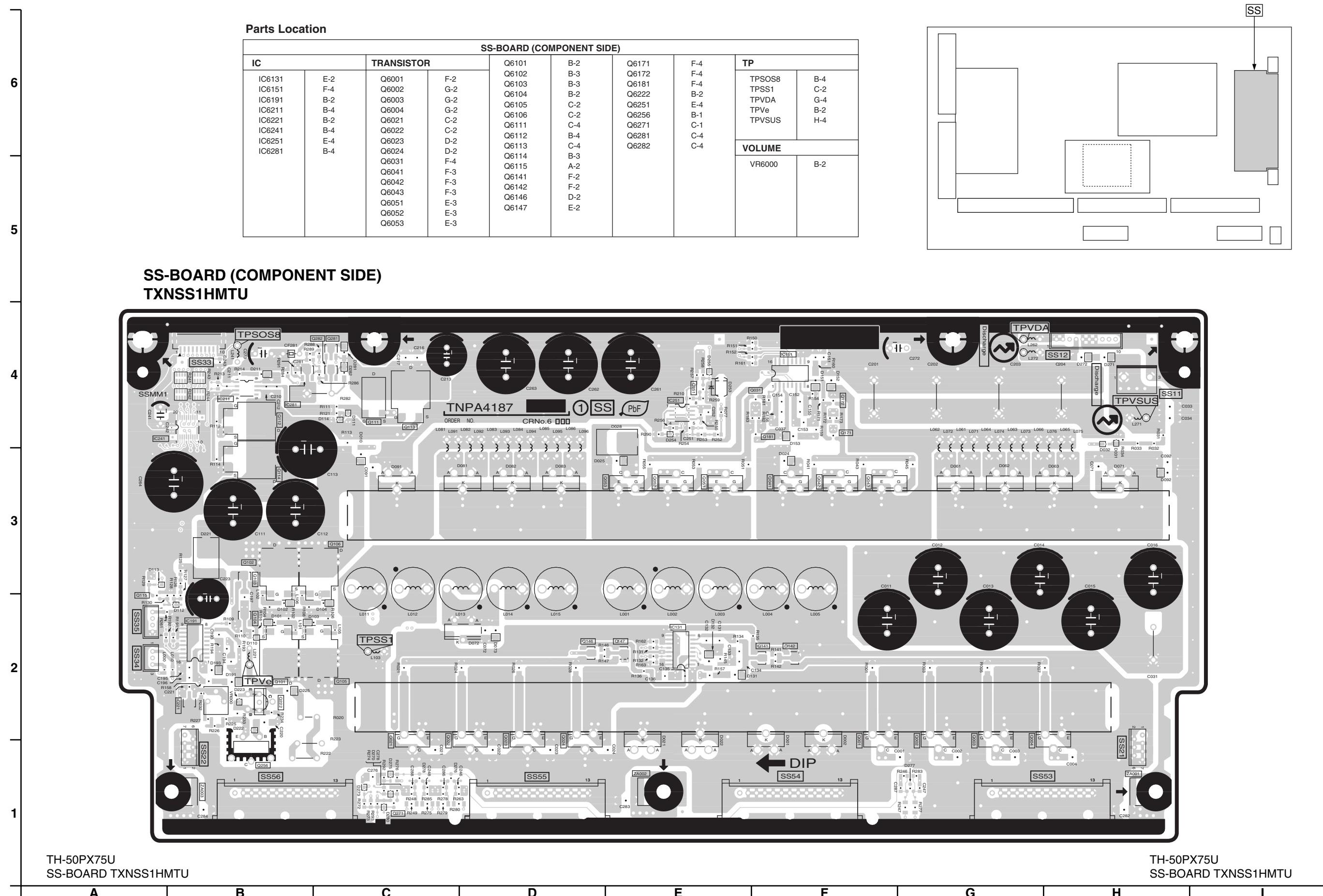
Parts Location

SS-BOARD (FOIL SIDE)					
TRANSISTOR	TP		TP19	H-4	VOLUME
Q6001	C-2	TP1	B-4	TP20	H-4
Q6002	C-2	TP2	B-4	TP21	H-4
Q6003	C-2	TP3	B-4	TP22	H-4
Q6004	B-2	TP4	B-4	TP24	H-1
Q6021	G-2	TP5	B-4	TP25	G-1
Q6022	F-2	TP6	B-4	TP26	F-1
Q6023	F-2	TP7	B-4	TP27	E-1
Q6024	E-2	TP8	B-4	TP28	D-1
Q6041	D-3	TP9	A-4	TP29	D-1
Q6042	D-3	TP10	C-4	TP30	C-1
Q6043	C-3	TP11	C-4	TP31	B-1
Q6051	D-3	TP12	H-3	TP33	H-4
Q6052	E-3	TP13	H-4	TP34	G-1
Q6053	E-3	TP14	H-4	TP036	F-4
Q6222	H-2	TP15	H-4	TPVe2	
Q6256	H-1	TP16	H-4		
		TP17	H-4		
		TP18	H-4		

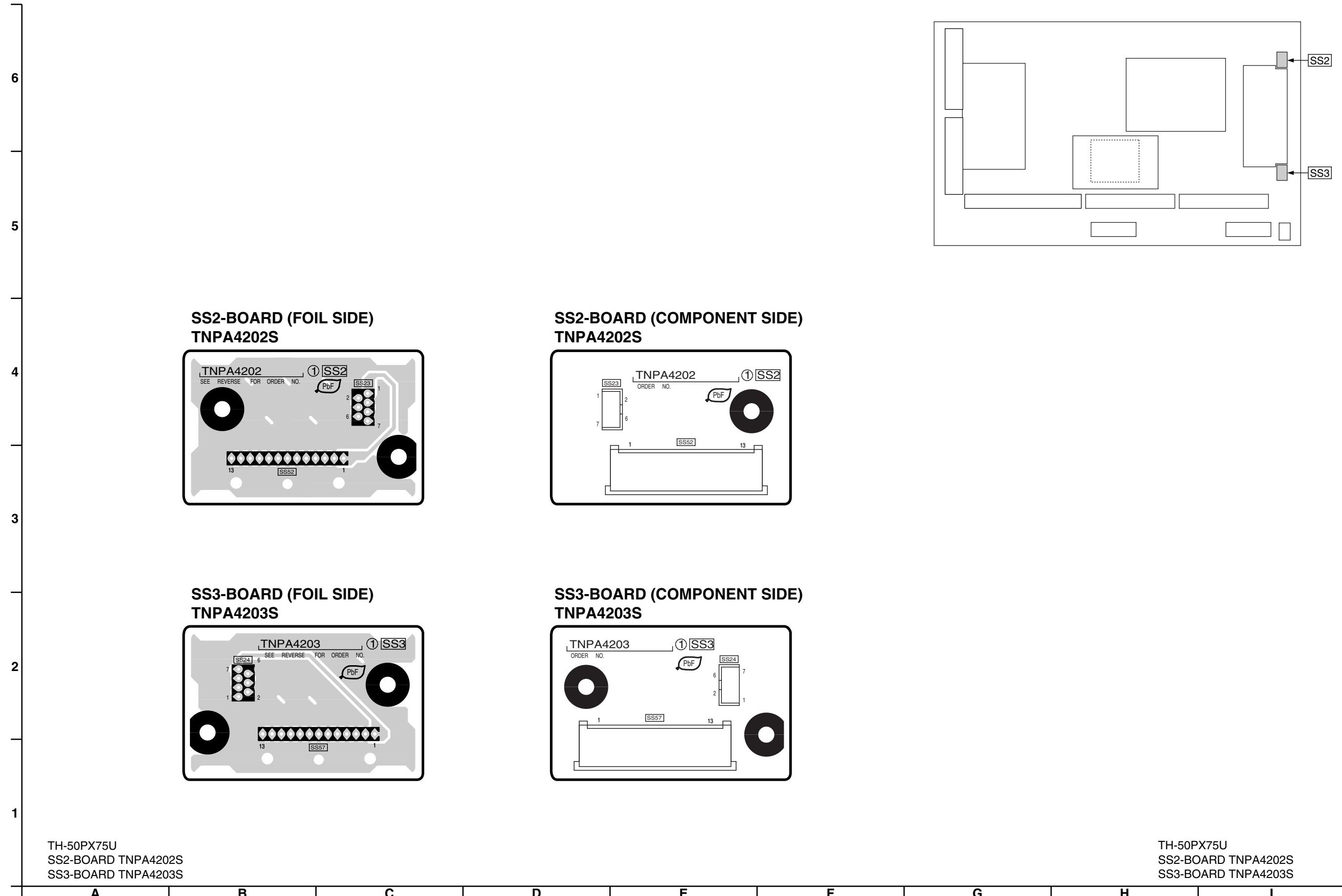


SS-BOARD (COMPONENT SIDE)  
TXNSS1HMTU





## 14.12. SS2 and SS3-Board



# 15 Schematic and Block Diagram

## 15.1. Schematic Diagram Note

### Important Safety Notice

Components identified by  $\Delta$  mark have special characteristics important for safety.  
When replacing any of these components, use only manufacturer's specified parts.

#### Notes:

##### 1. Resistor

Unit of resistance is OHM [ $\Omega$ ] ( $K=1,000$ ,  $M=1,000,000$ ).

##### 2. Capacitor

Unit of capacitance is  $\mu F$ , unless otherwise noted.

##### 3. Coil

Unit of inductance is H, unless otherwise noted.

##### 4. Test Point

 : Test Point position

##### 5. Earth Symbol

 : Chassis Earth (Cold)



: Line Earth (Hot)

##### 6. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following:

Power Source ..... AC120V, 50/60Hz

Receiving Signal ..... Colour Bar signal (RF)

All customer's controls ..... Maximum positions

##### 7. When arrow mark ( $\nearrow$ ) is found, connection is easily found from the direction of arrow.

##### 8. Indicates the major signal flow. : Video : Audio

##### 9. This schematic diagram is the latest at the time of printing and subject to change without notice.

### Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.

All circuits, except the Power Circuit, are cold.

#### Precautions

a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.

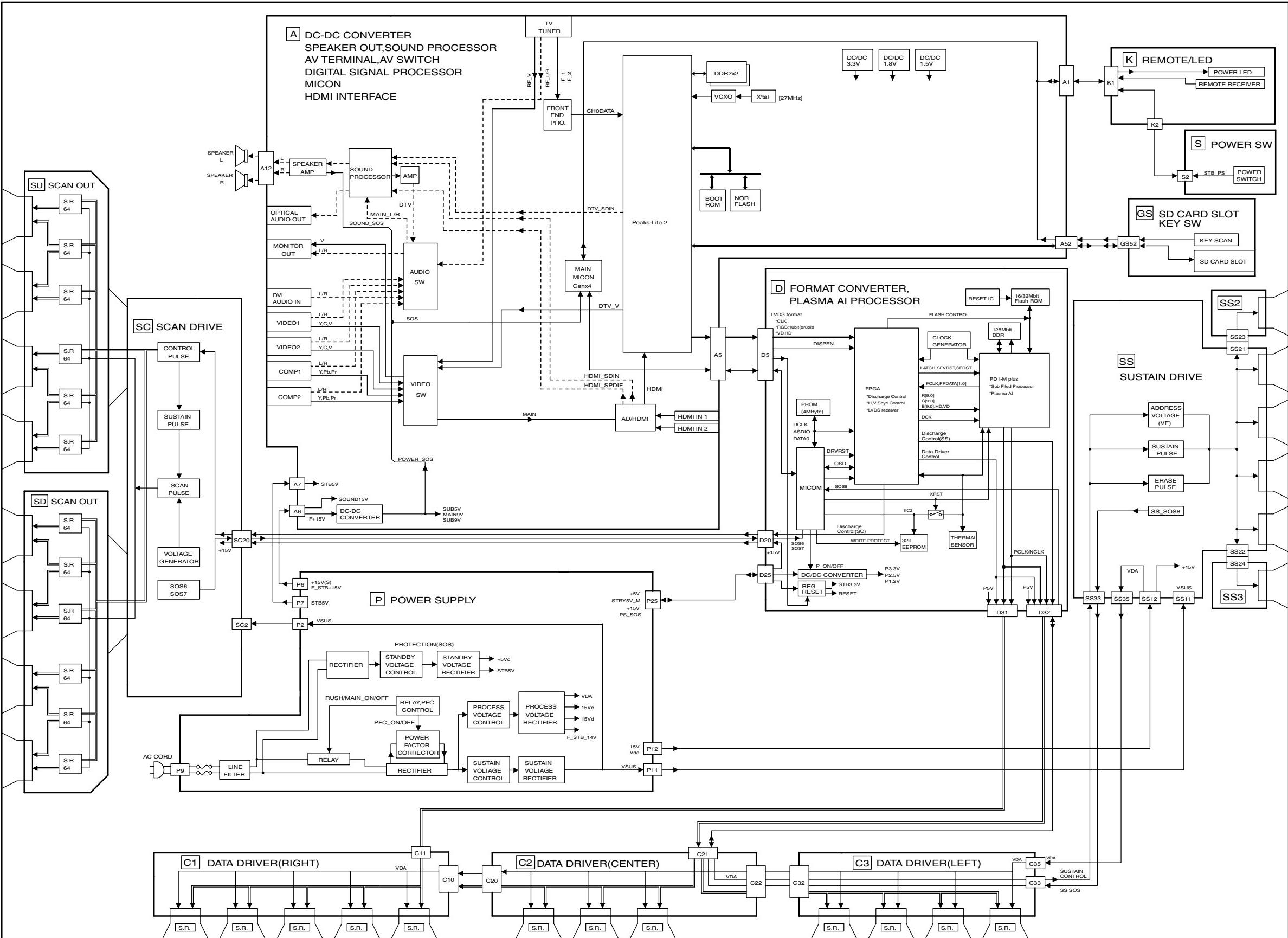
b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.

c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.

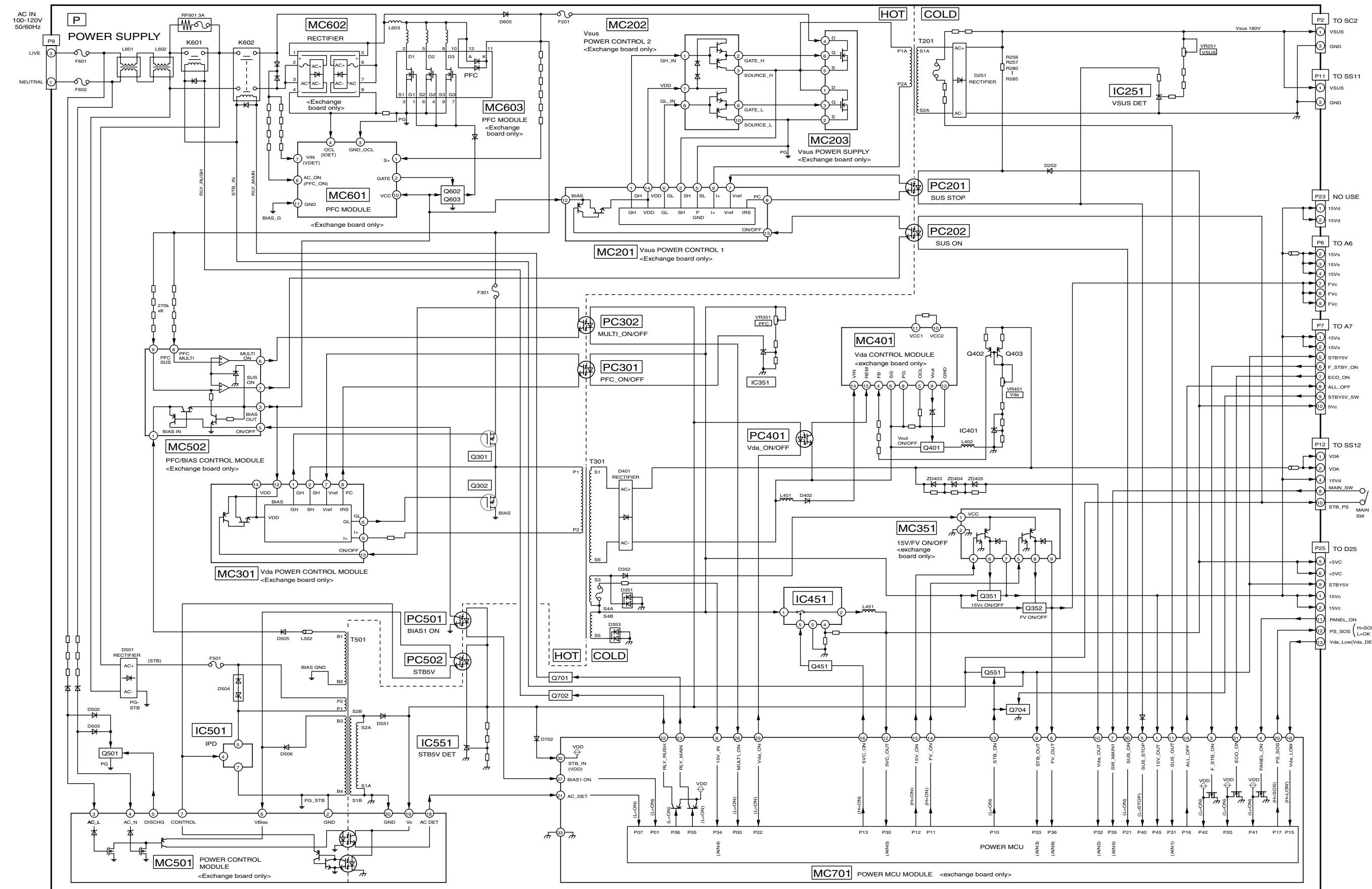
Connect the earth of instruments to the earth connection of the circuit being measured.

d. Make sure to disconnect the power plug before removing the chassis.

## **15.2. Main Block Diagram**



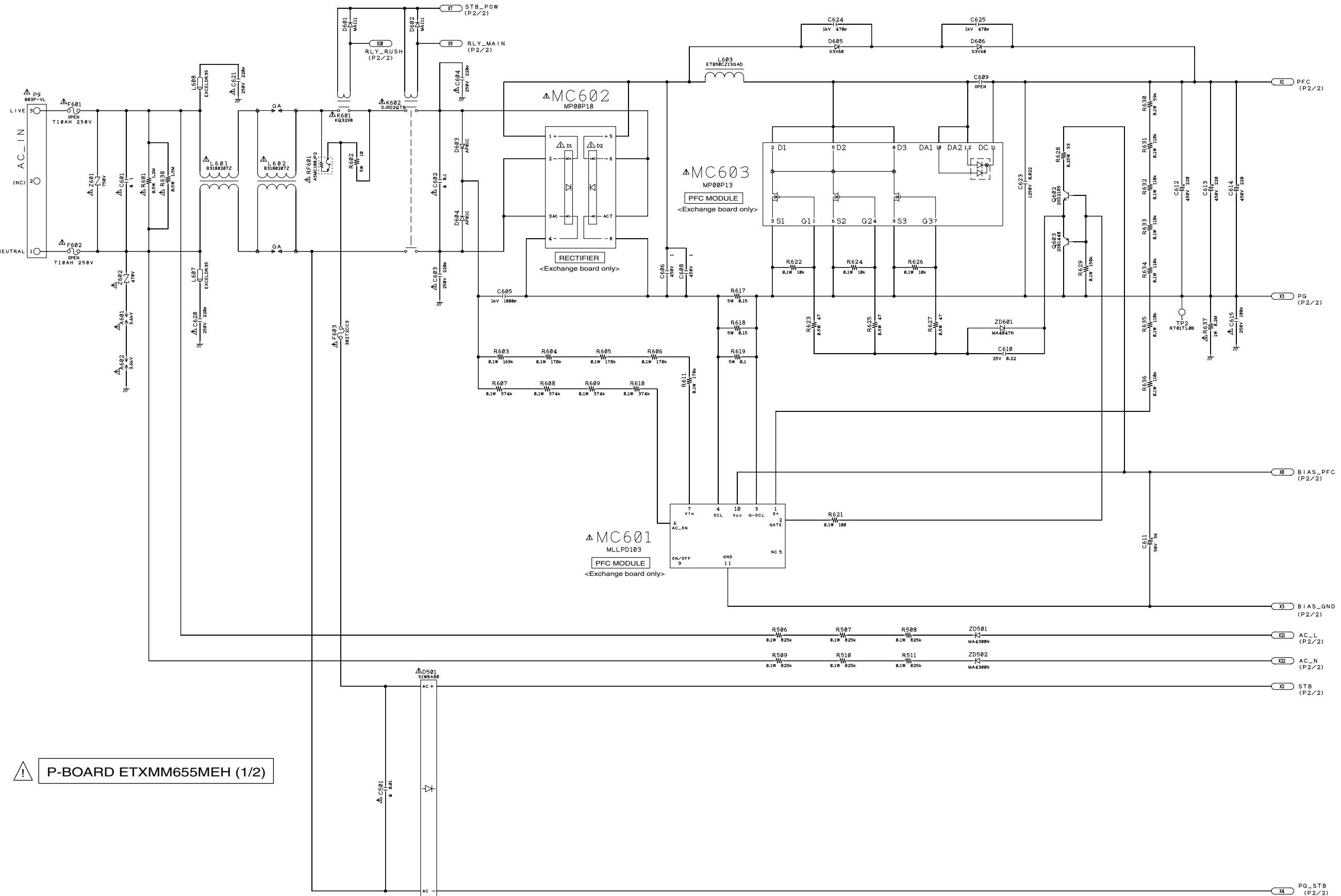
### 15.3. P-Board Block Diagram



TH-50PX75U  
P-Board Block Diagram

TH-50PX75U  
P-Board Block Diagram

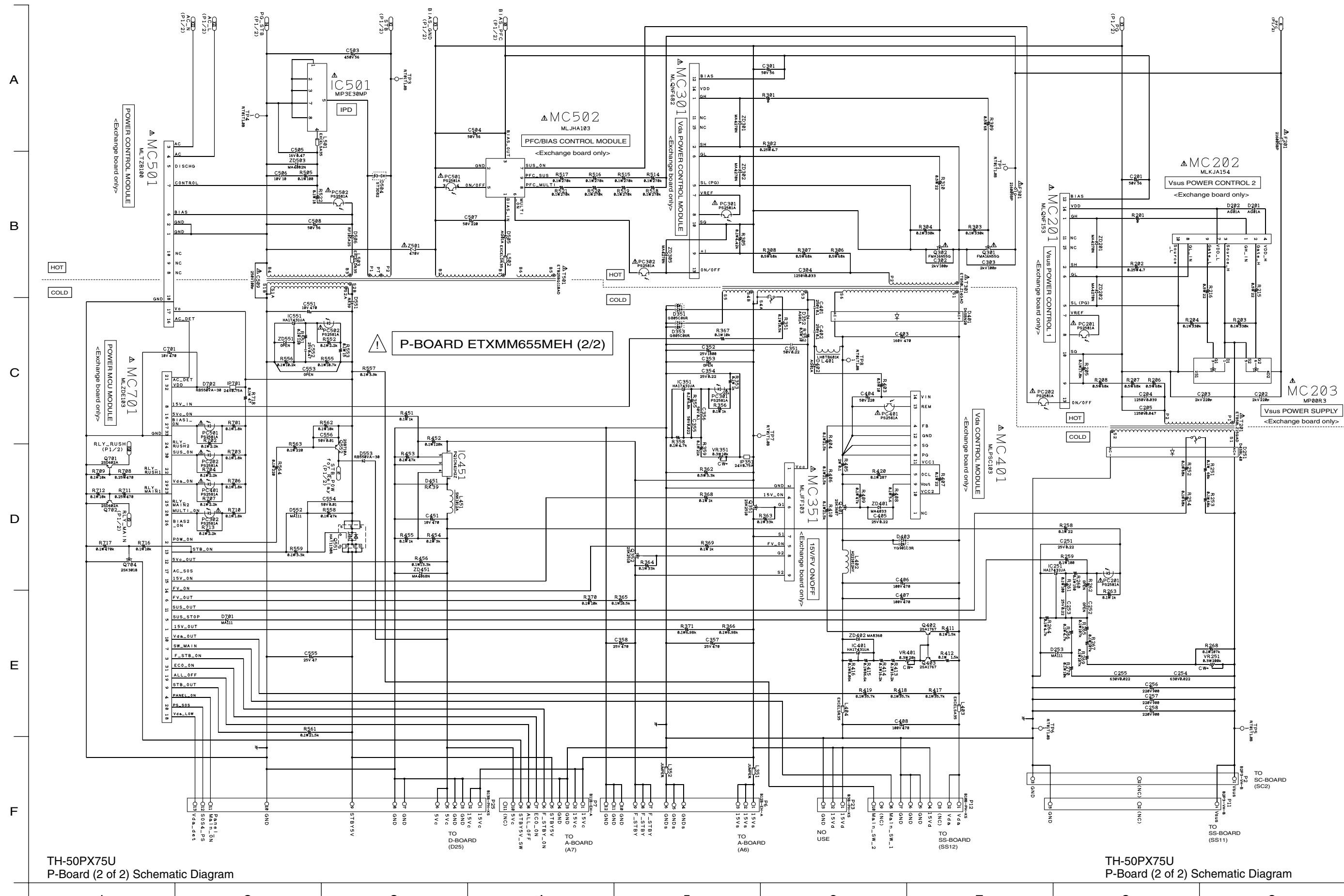
## 15.4. P-Board (1 of 2) Schematic Diagram



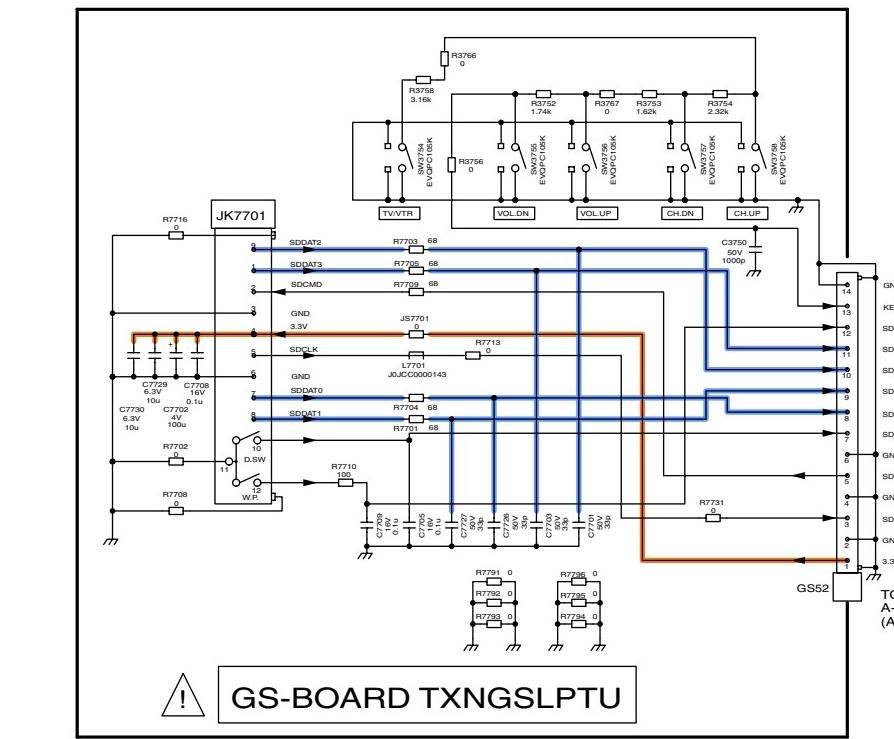
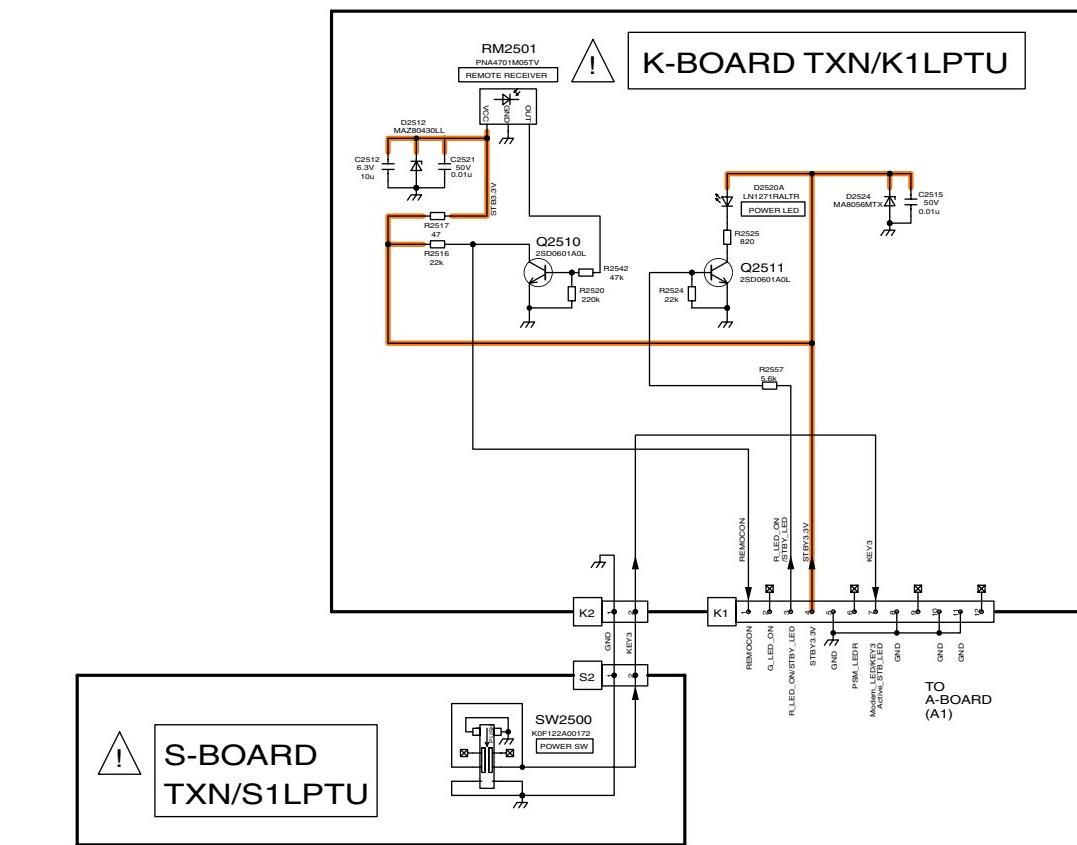
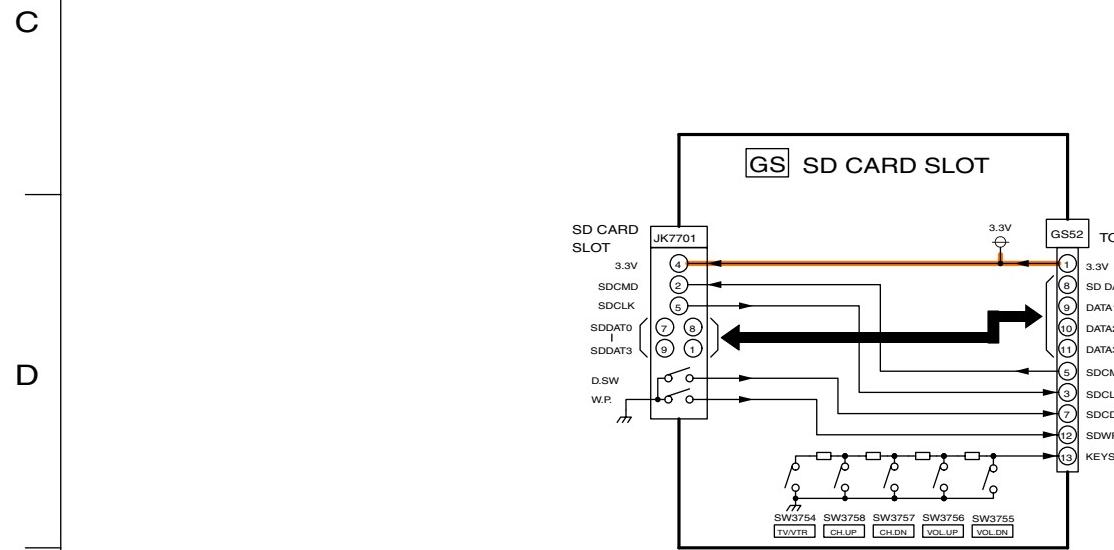
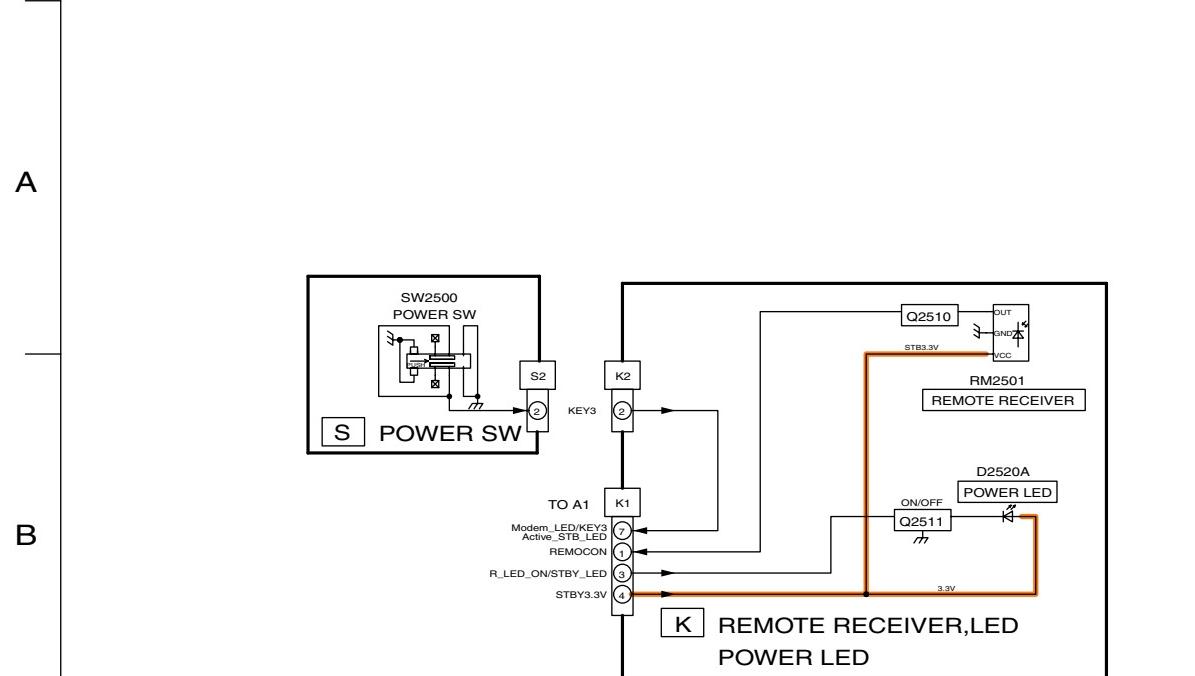
## TH-50PX75U P-Board (1 of 2) Schematic Diagram

TH-50PX75U  
P-Board (1 of 2) Schematic Diagram

## 15.5. P-Board (2 of 2) Schematic Diagram



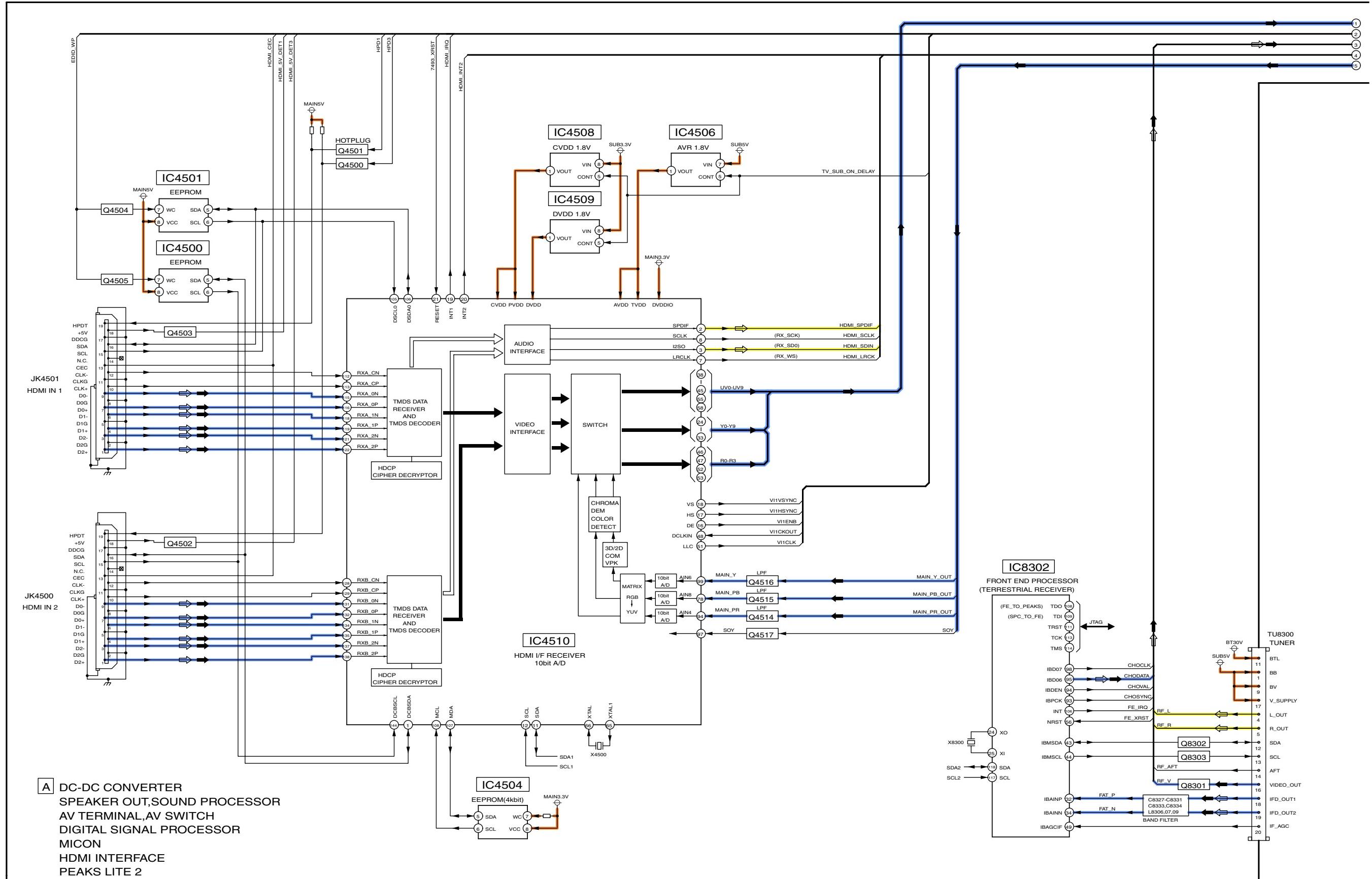
## 15.6. GS, K and S-Board Block and Schematic Diagram



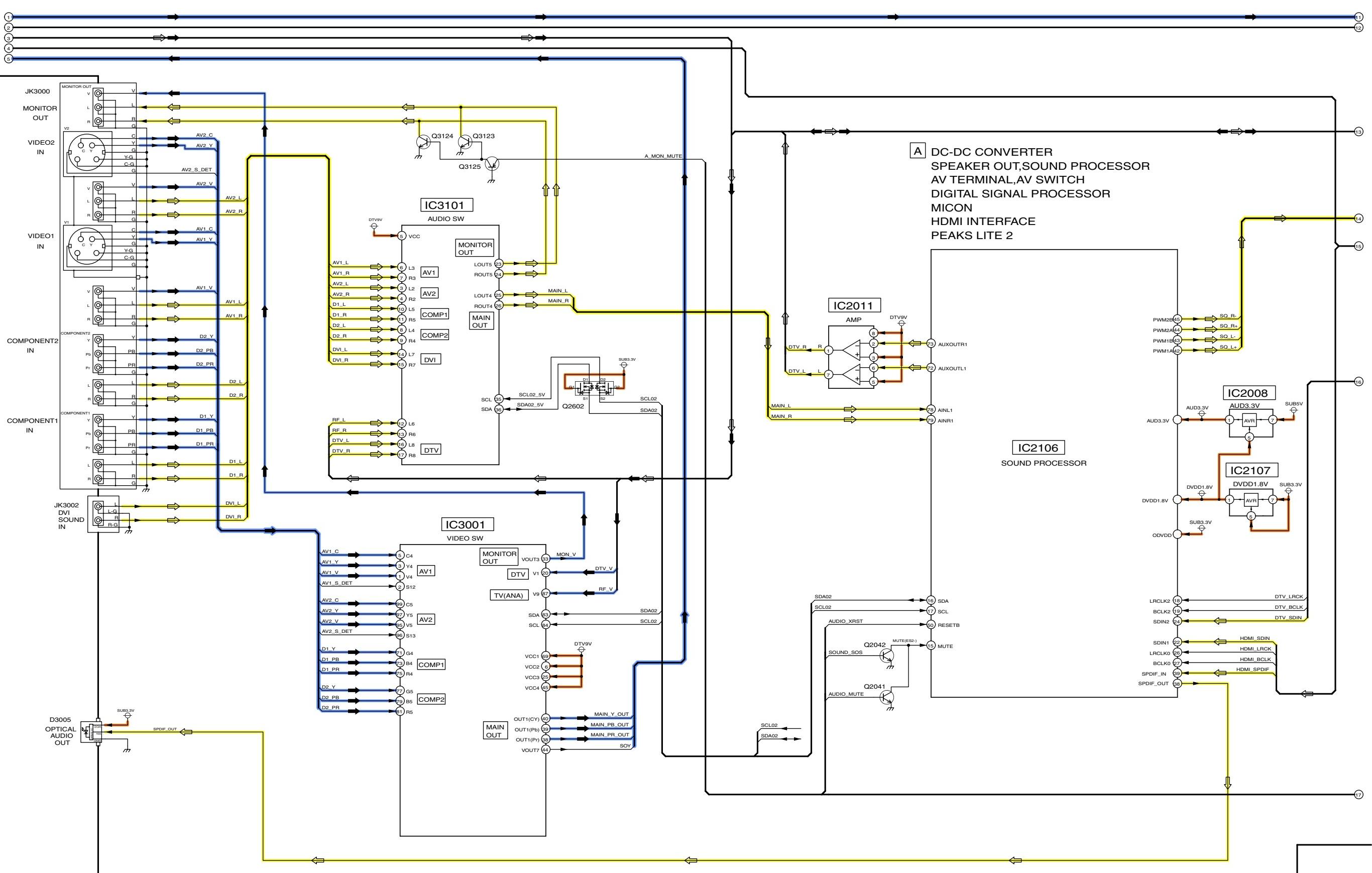
TH-50PX75U  
GS, K and S-Board Schematic Diagram

TH-50PX75U  
GS, K and S-Board Schematic Diagram

## 15.7. A-Board (1 of 5) Block Diagram



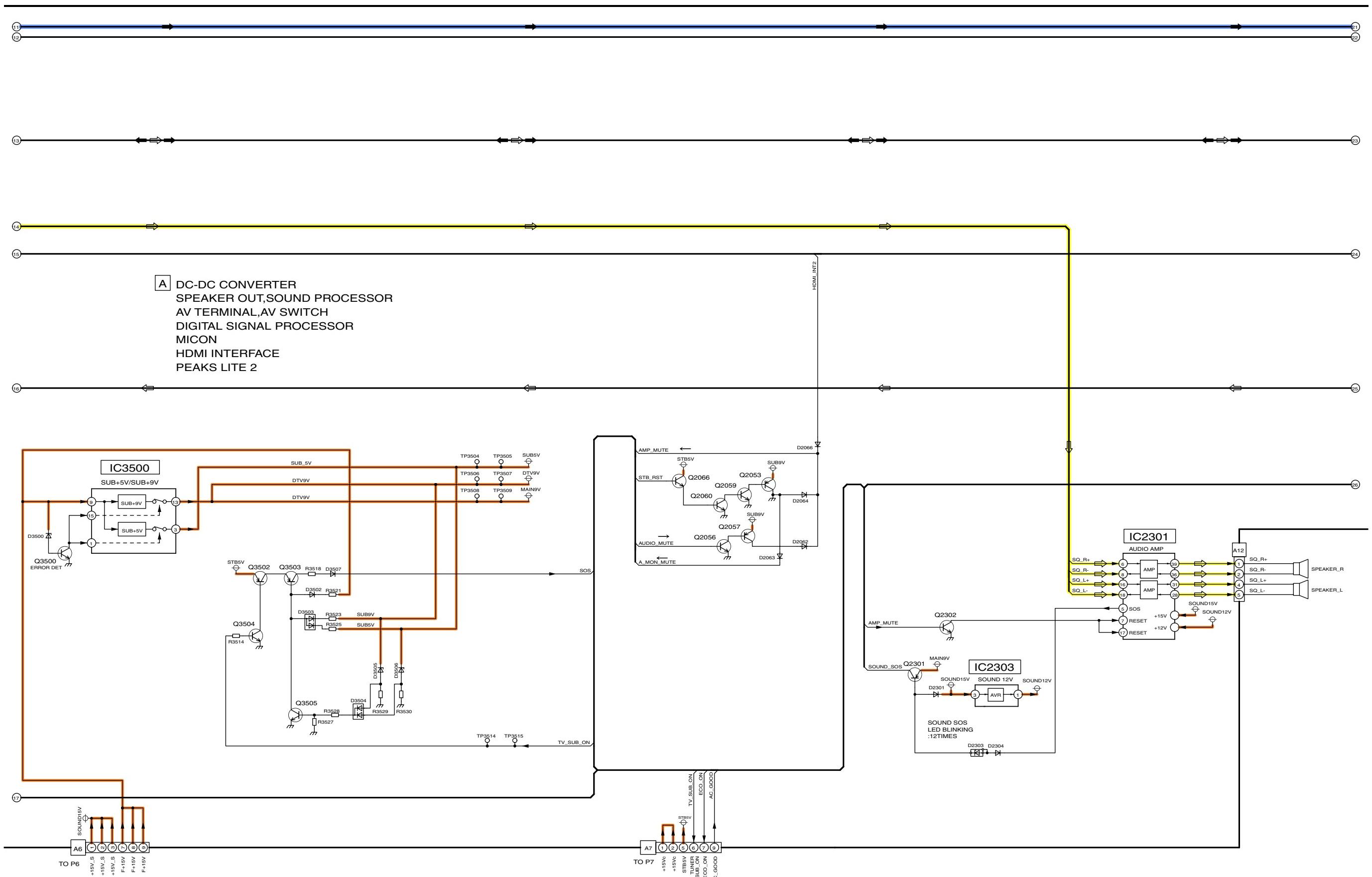
## 15.8. A-Board (2 of 5) Block Diagram



TH-50PX75U  
A-Board (2 of 5) Block Diagram

TH-50PX75U  
A-Board (2 of 5) Block Diagram

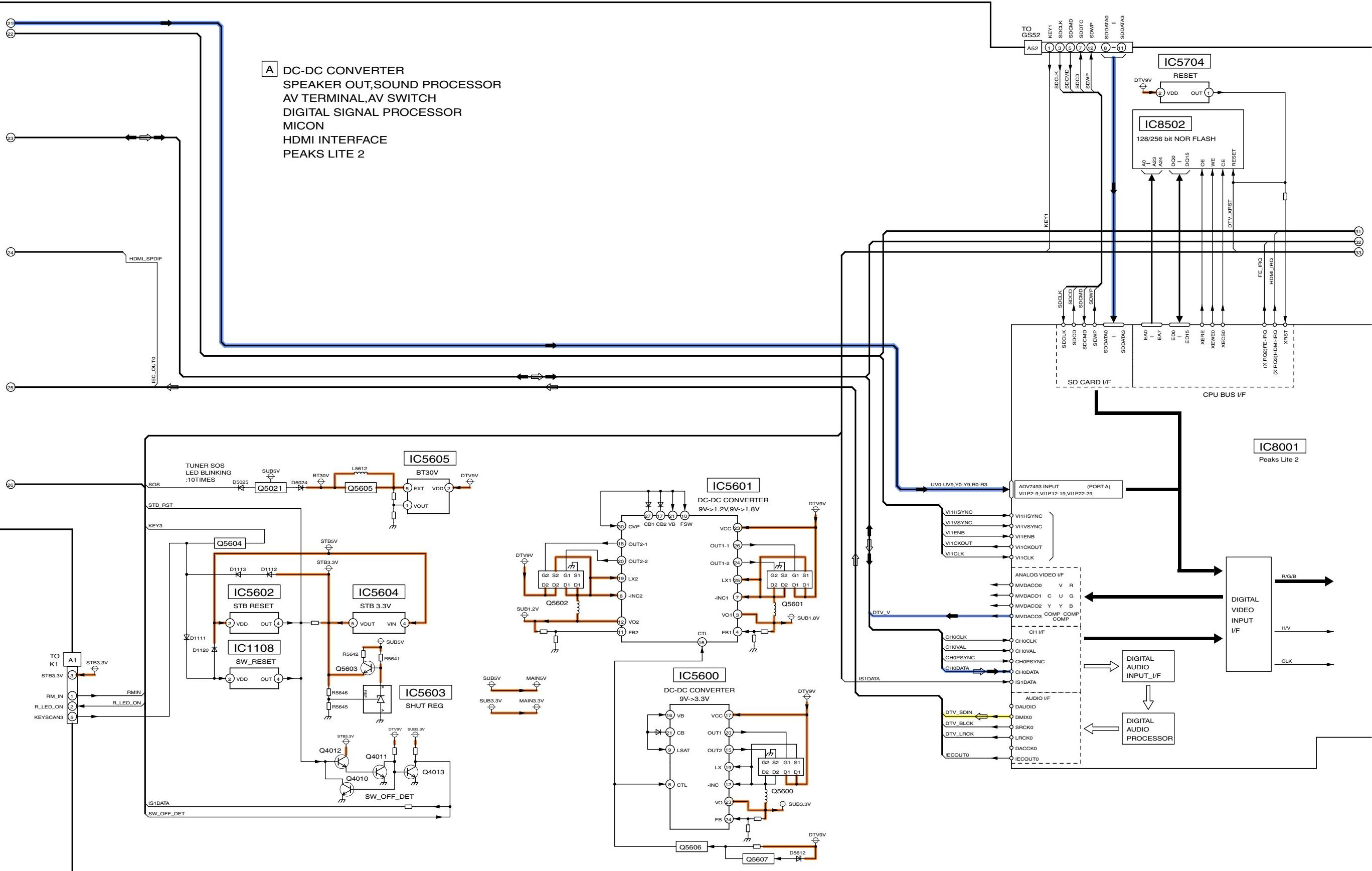
## 15.9. A-Board (3 of 5) Block Diagram



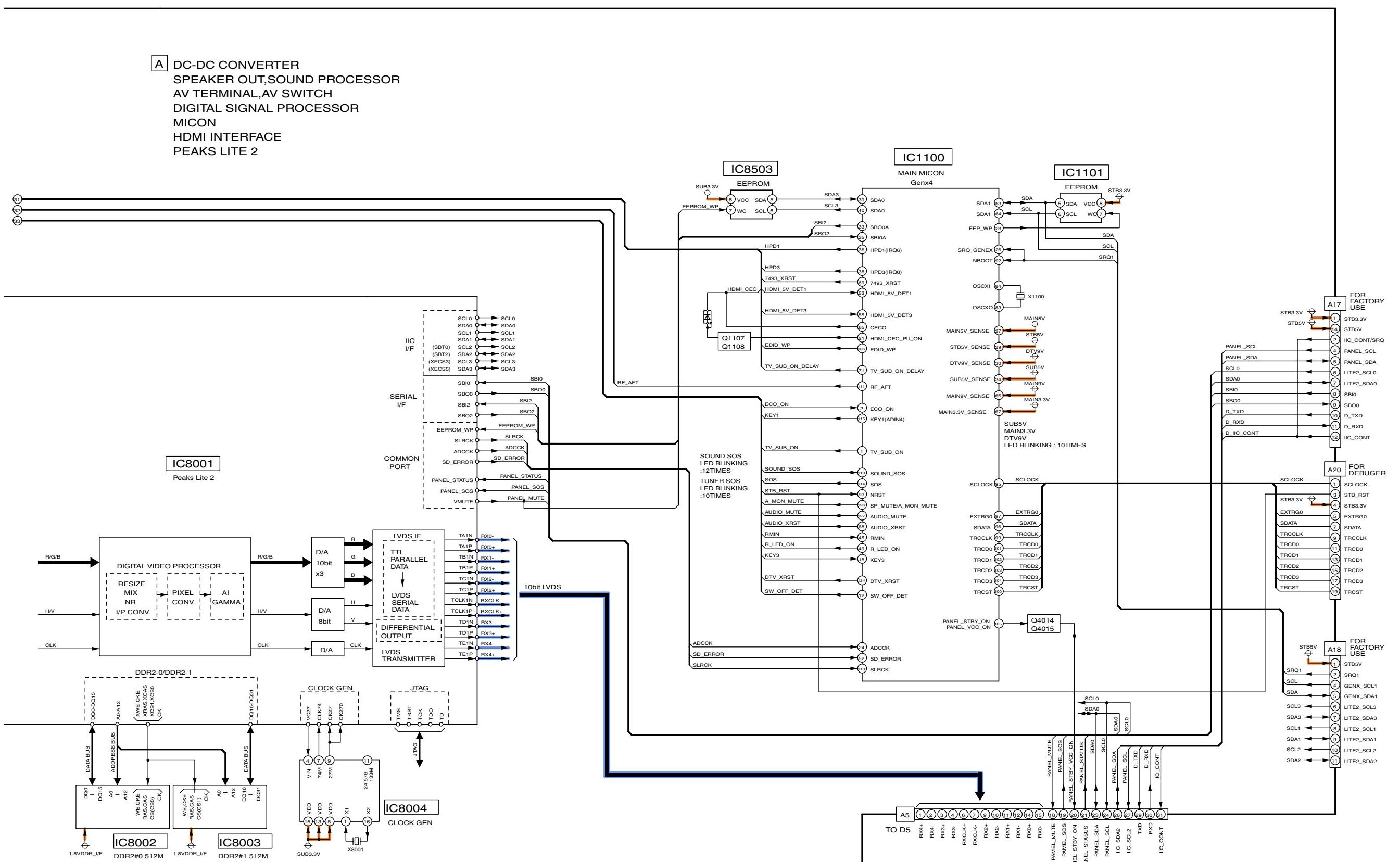
TH-50PX75U  
A-Board (3 of 5) Block Diagram

TH-50PX75U  
A-Board (3 of 5) Block Diagram

## 15.10. A-Board (4 of 5) Block Diagram



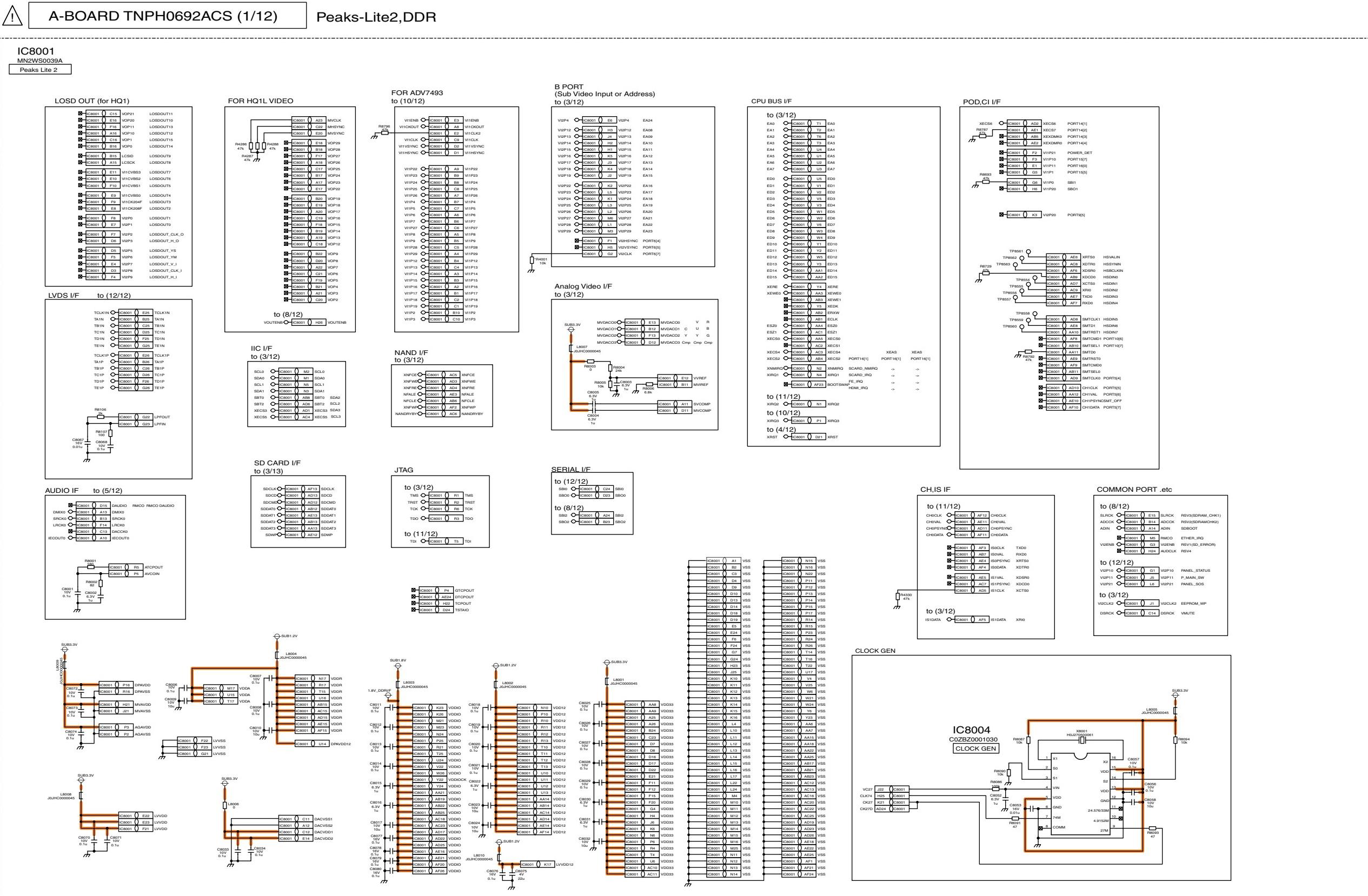
## 15.11. A-Board (5 of 5) Block Diagram



TH-50PX75U  
A-Board (5 of 5) Block Diagram

TH-50PX75U  
A-Board (5 of 5) Block Diagram

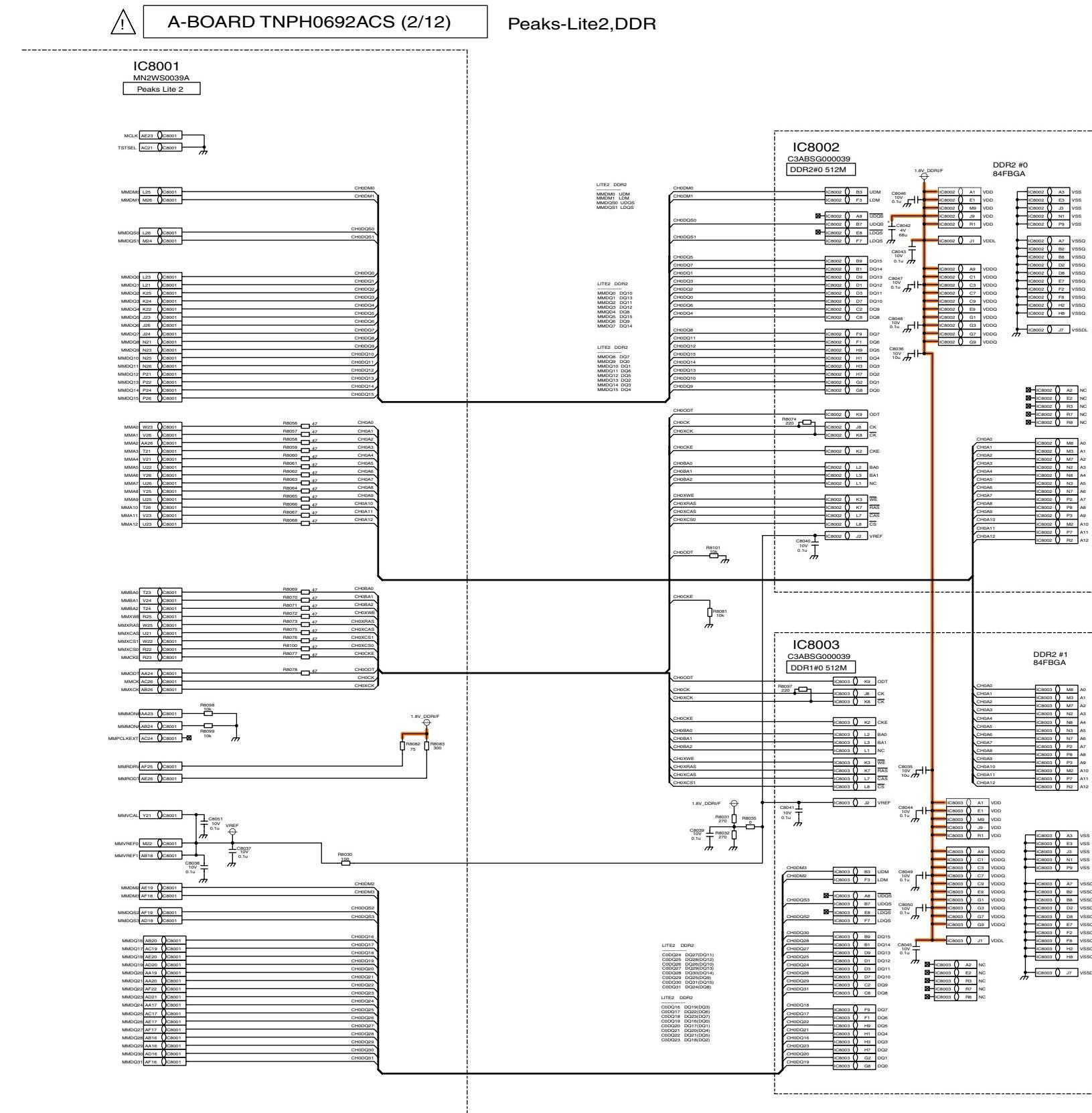
## 15.12. A-Board (1 of 12) Schematic Diagram



TH-50PX75U  
A-Board (1 of 12) Schematic Diagram

TH-50PX75U  
A-Board (1 of 12) Schematic Diagram

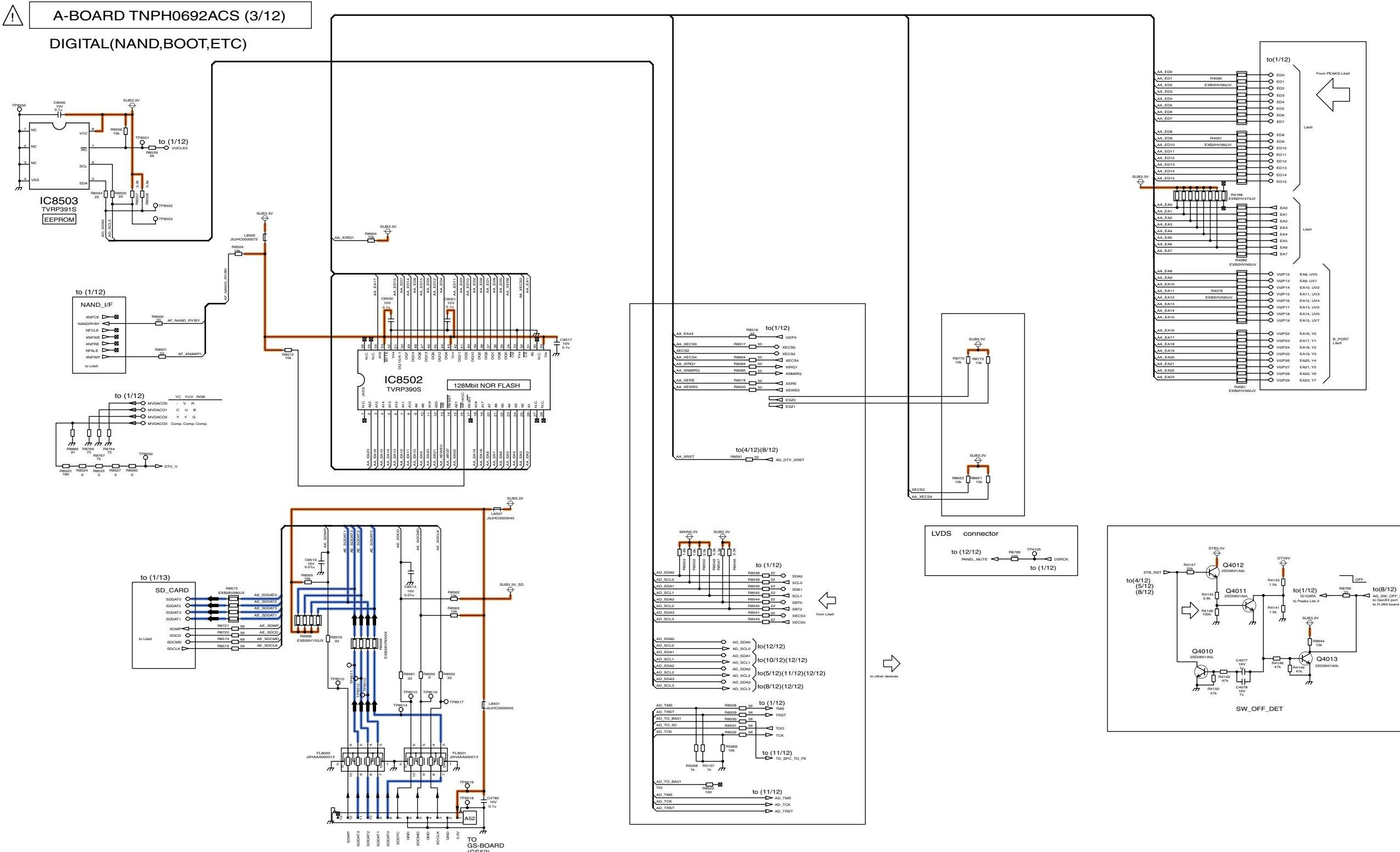
## **15.13. A-Board (2 of 12) Schematic Diagram**



## TH-50PX75U A-Board (2 of 12) Schematic Diagram

TH-50PX75U  
A-Board (2 of 12) Schematic Diagram

## 15.14. A-Board (3 of 12) Schematic Diagram



TH-50PX75U  
A-Board (3 of 12) Schematic Diagram

TH-50PX75U  
A-Board (3 of 12) Schematic Diagram

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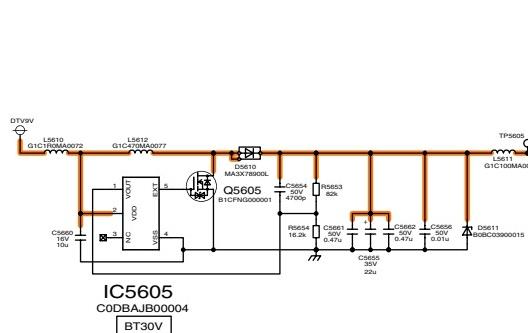
26

27

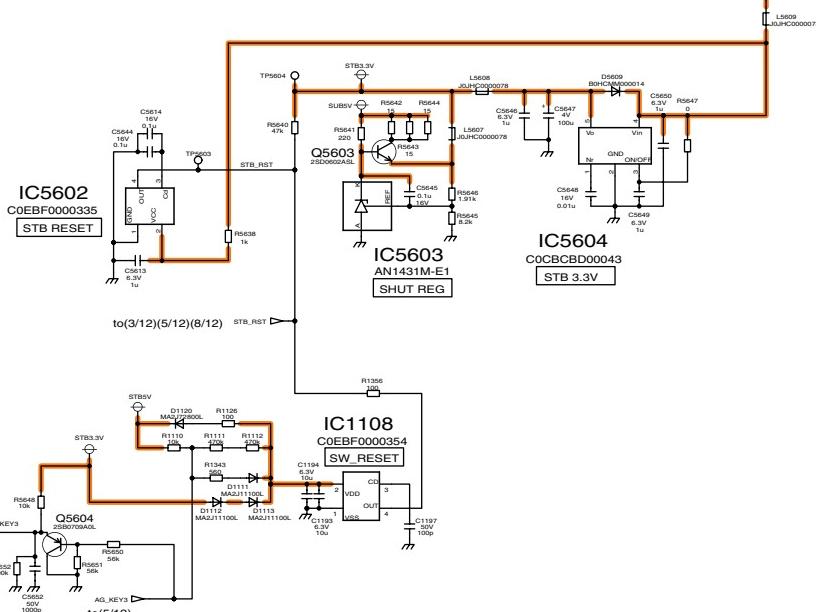
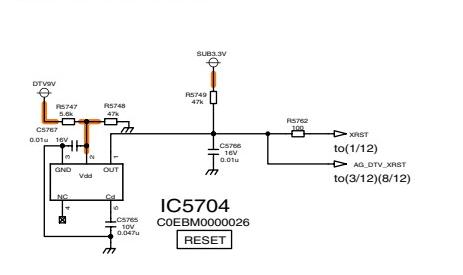
## 15.15. A-Board (4 of 12) Schematic Diagram

### A-BOARD TNPH0692ACS (4/12)

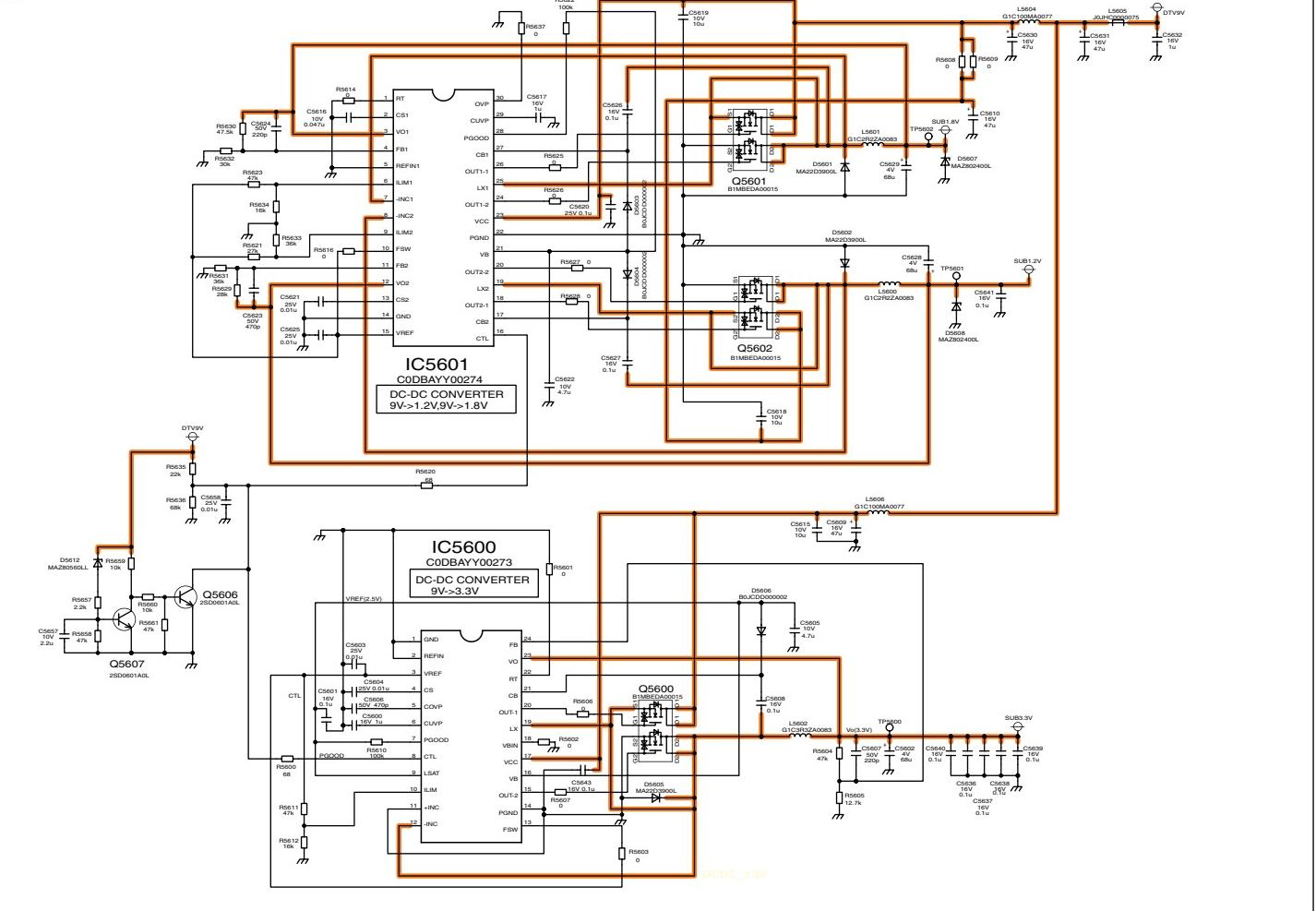
#### POWER SUPPLY



#### PEAKS-LITE2 RESET



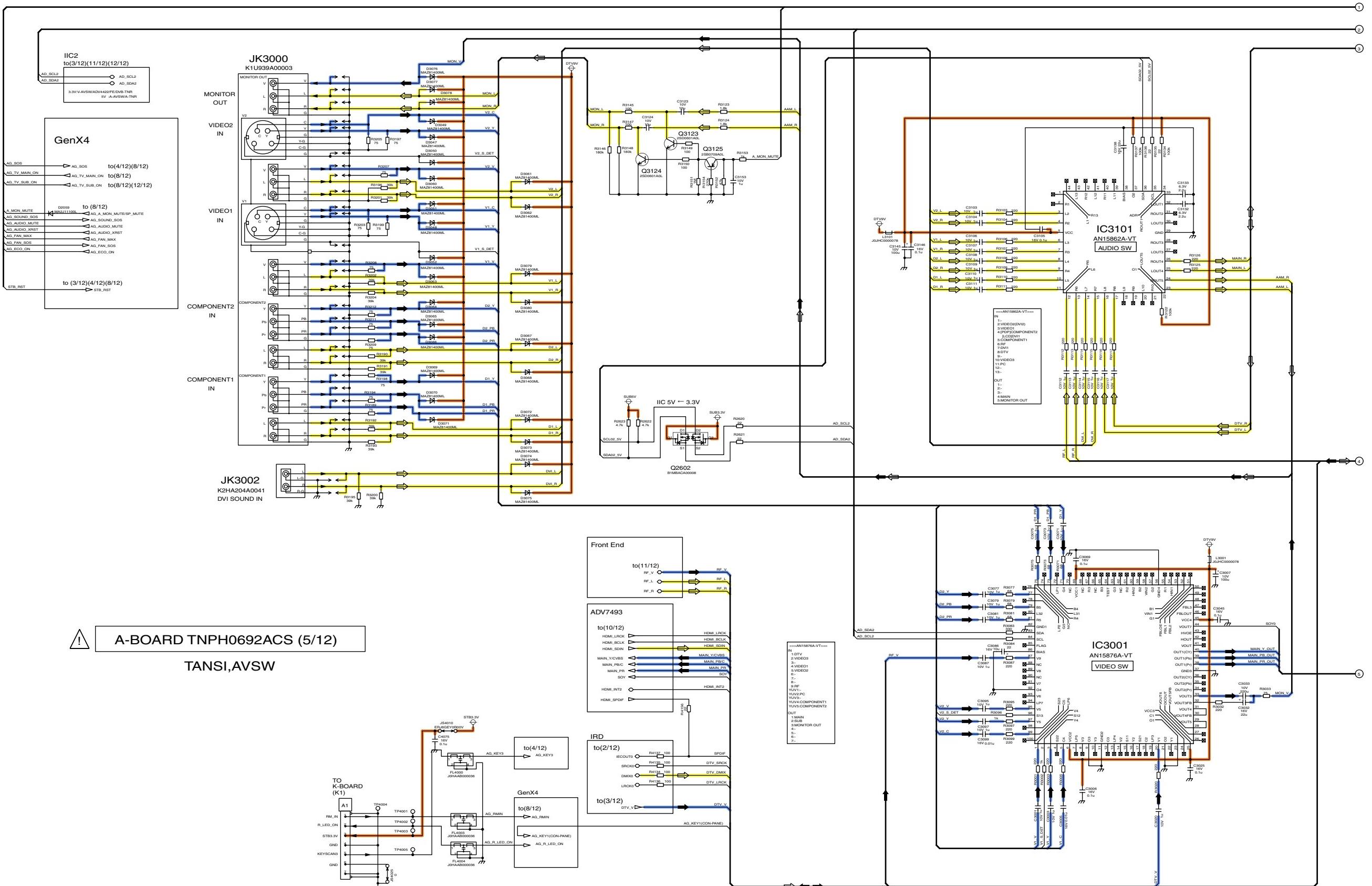
#### PEAKS-LITE2 POWER



TH-50PX75U  
A-Board (4 of 12) Schematic Diagram

TH-50PX75U  
A-Board (4 of 12) Schematic Diagram

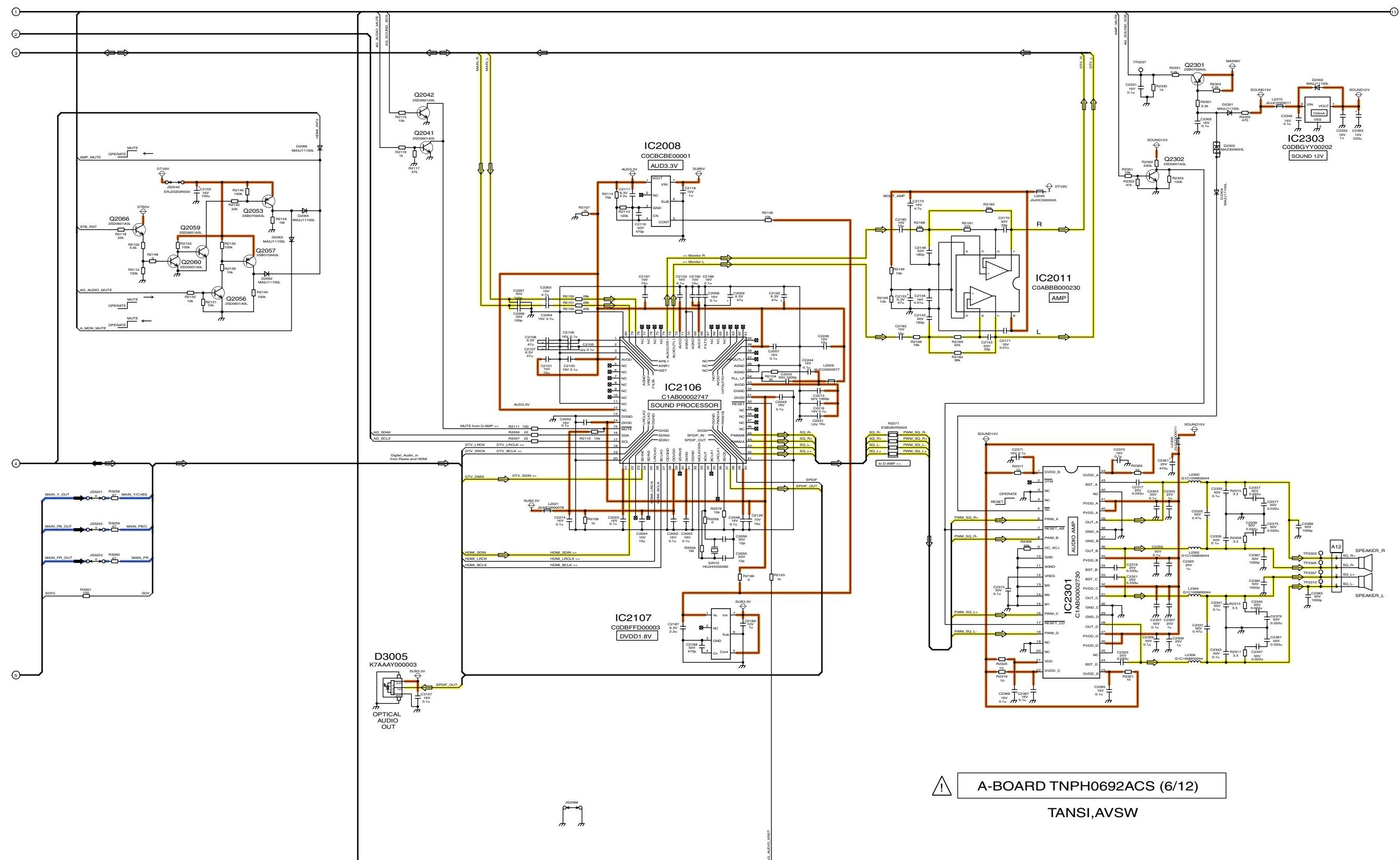
## **15.16. A-Board (5 of 12) Schematic Diagram**



## TH-50PX75U A-Board (5 of 12) Schematic Diagram

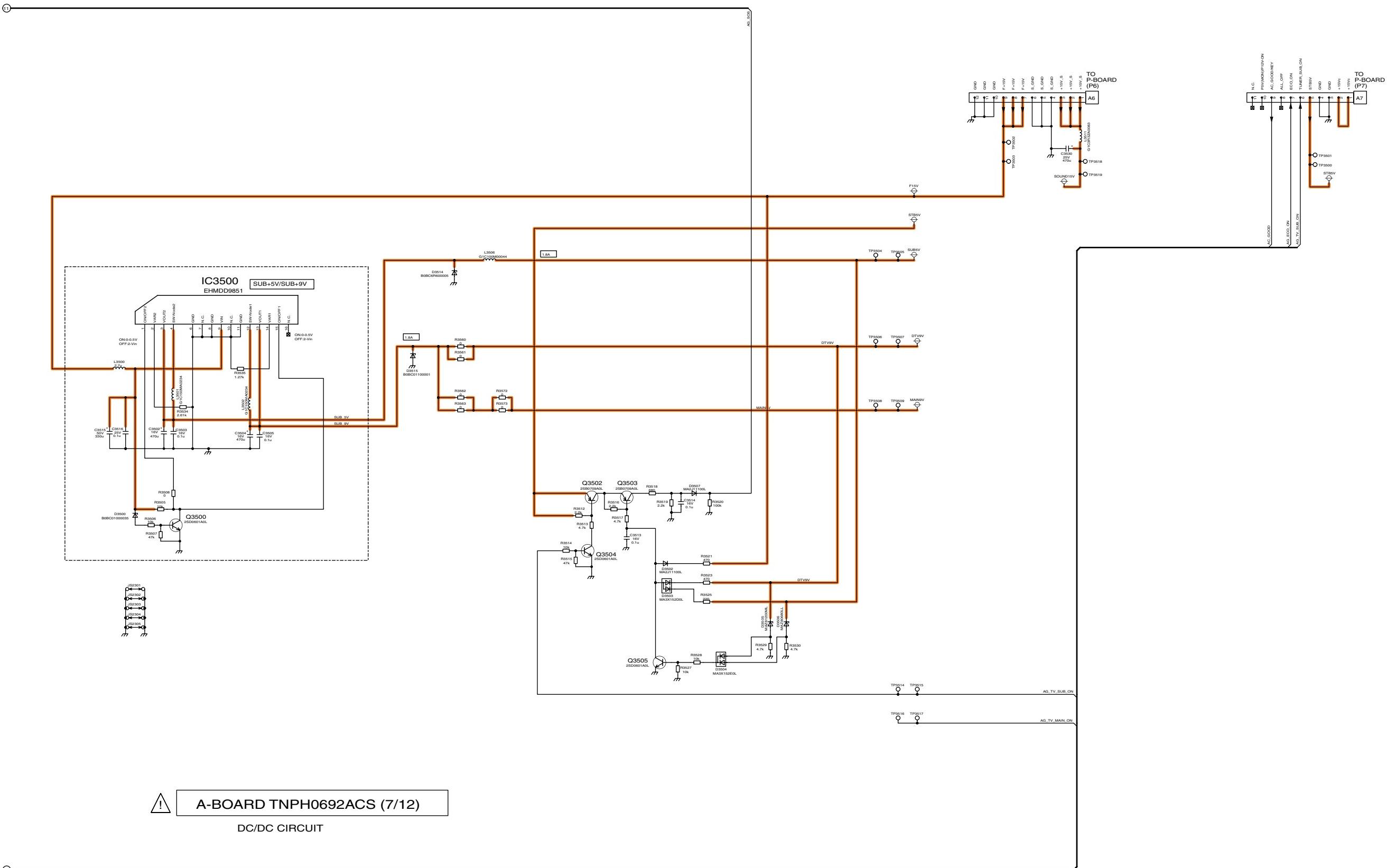
TH-50PX75U  
A-Board (5 of 12) Schematic Diagram

## 15.17. A-Board (6 of 12) Schematic Diagram



TH-50PX75U  
A-Board (6 of 12) Schematic Diagram

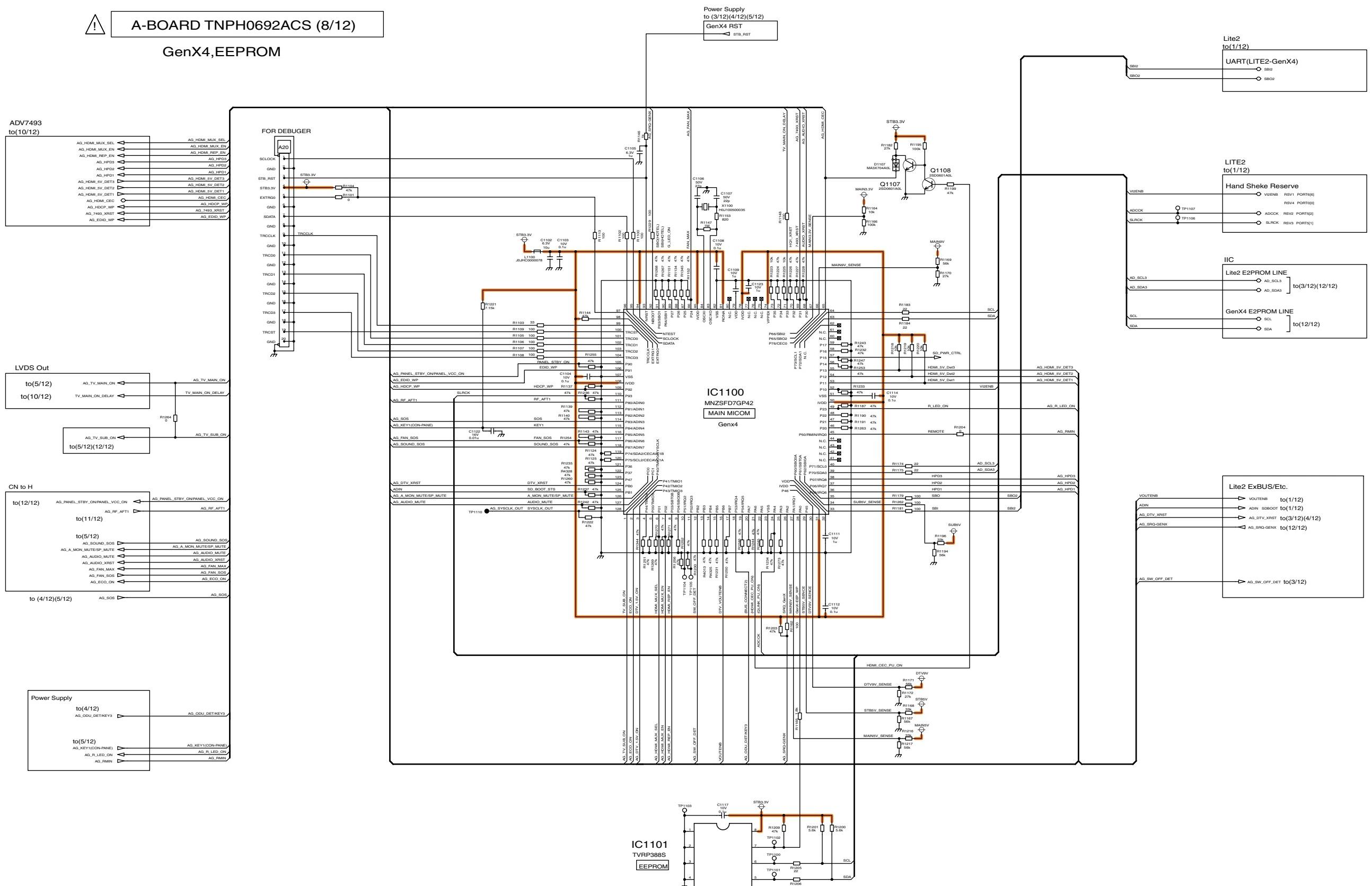
## 15.18. A-Board (7 of 12) Schematic Diagram



TH-50PX75U  
A-Board (7 of 12) Schematic Diagram

TH-50PX75U  
A-Board (7 of 12) Schematic Diagram

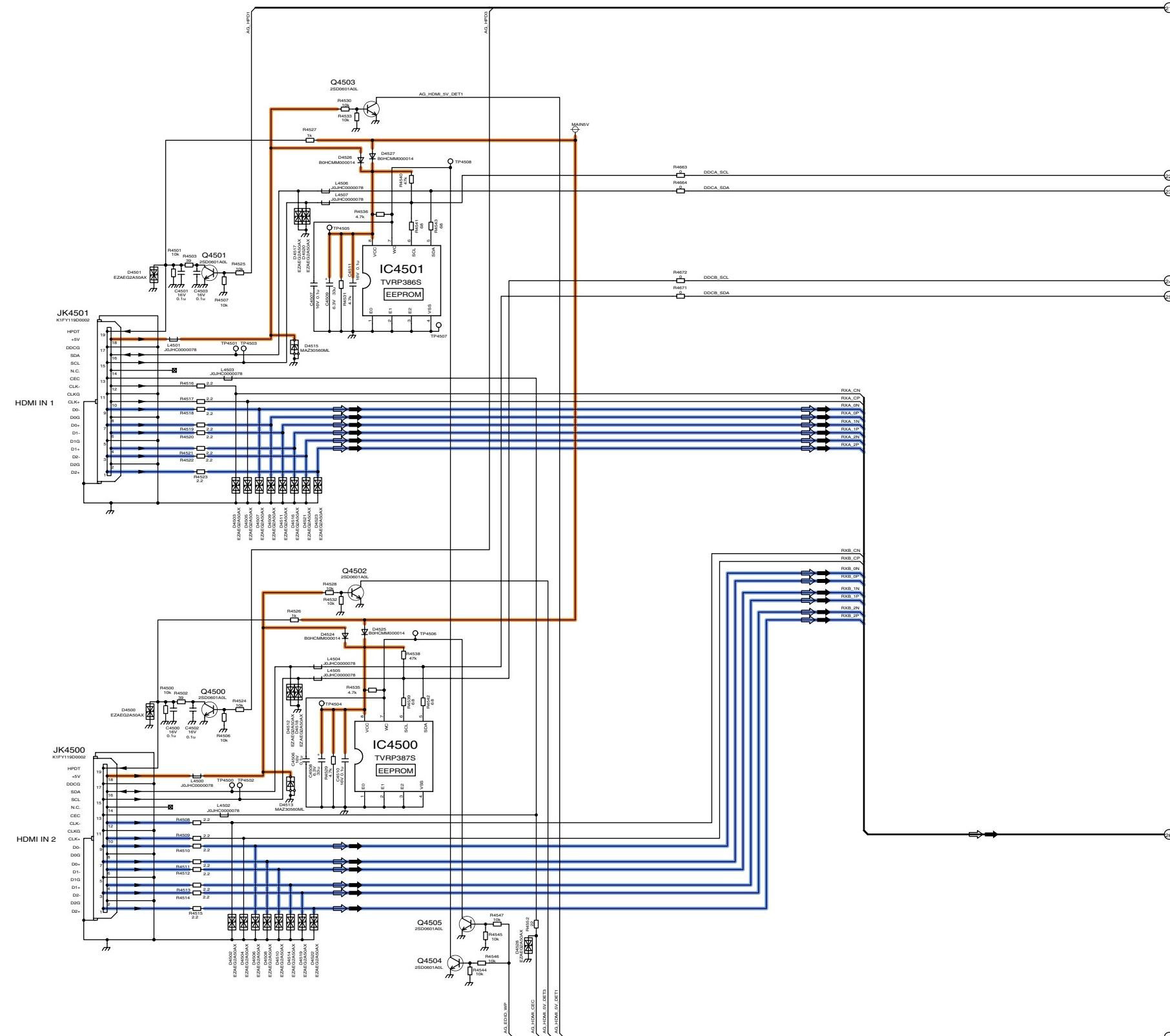
## 15.19. A-Board (8 of 12) Schematic Diagram



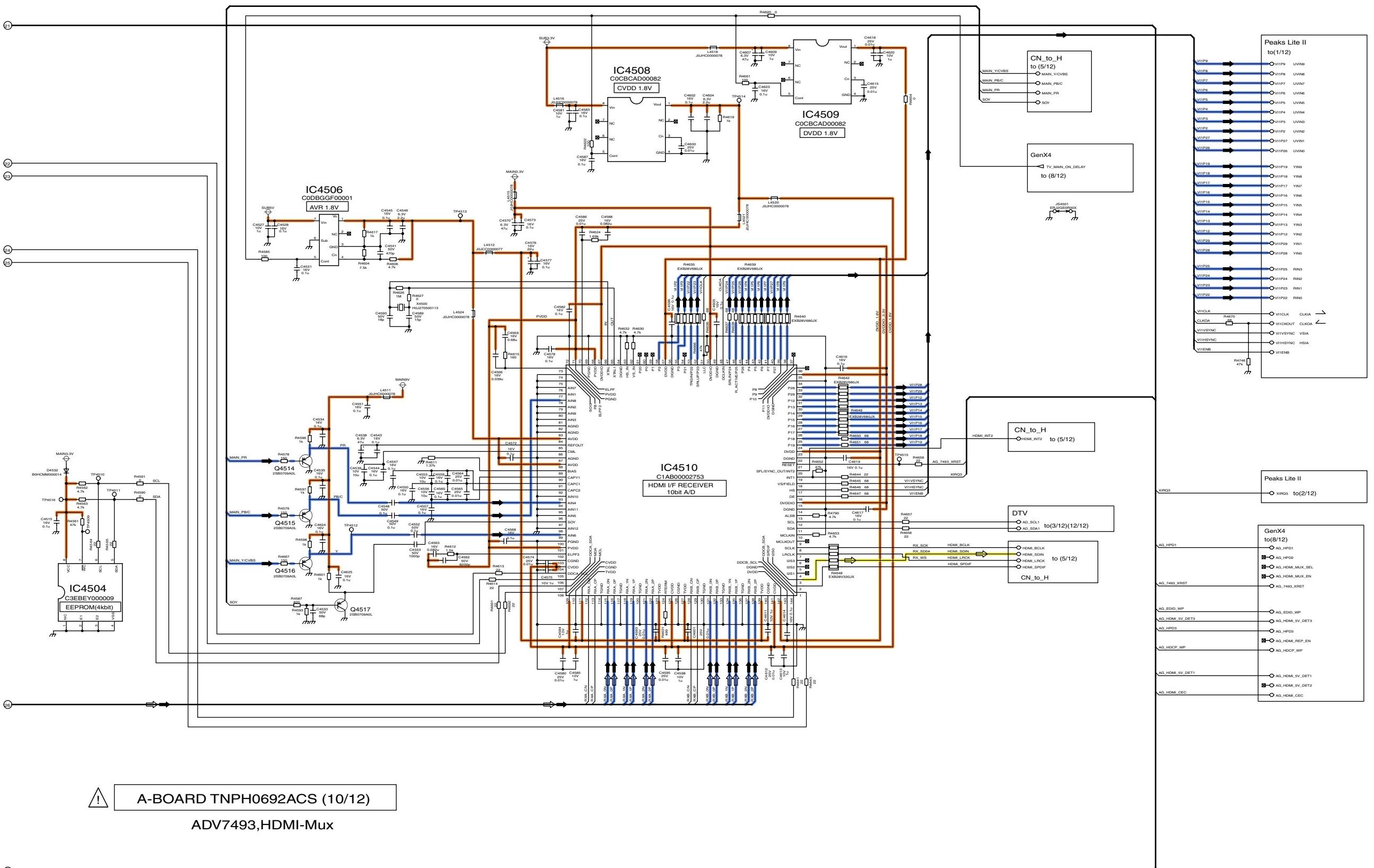
## 15.20. A-Board (9 of 12) Schematic Diagram

 A-BOARD TNPH0692ACS (9/12)

ADV7493,HDMI-Mux



## 15.21. A-Board (10 of 12) Schematic Diagram



## TH-50PX75U A-Board (10 of 12) Schematic Diagram

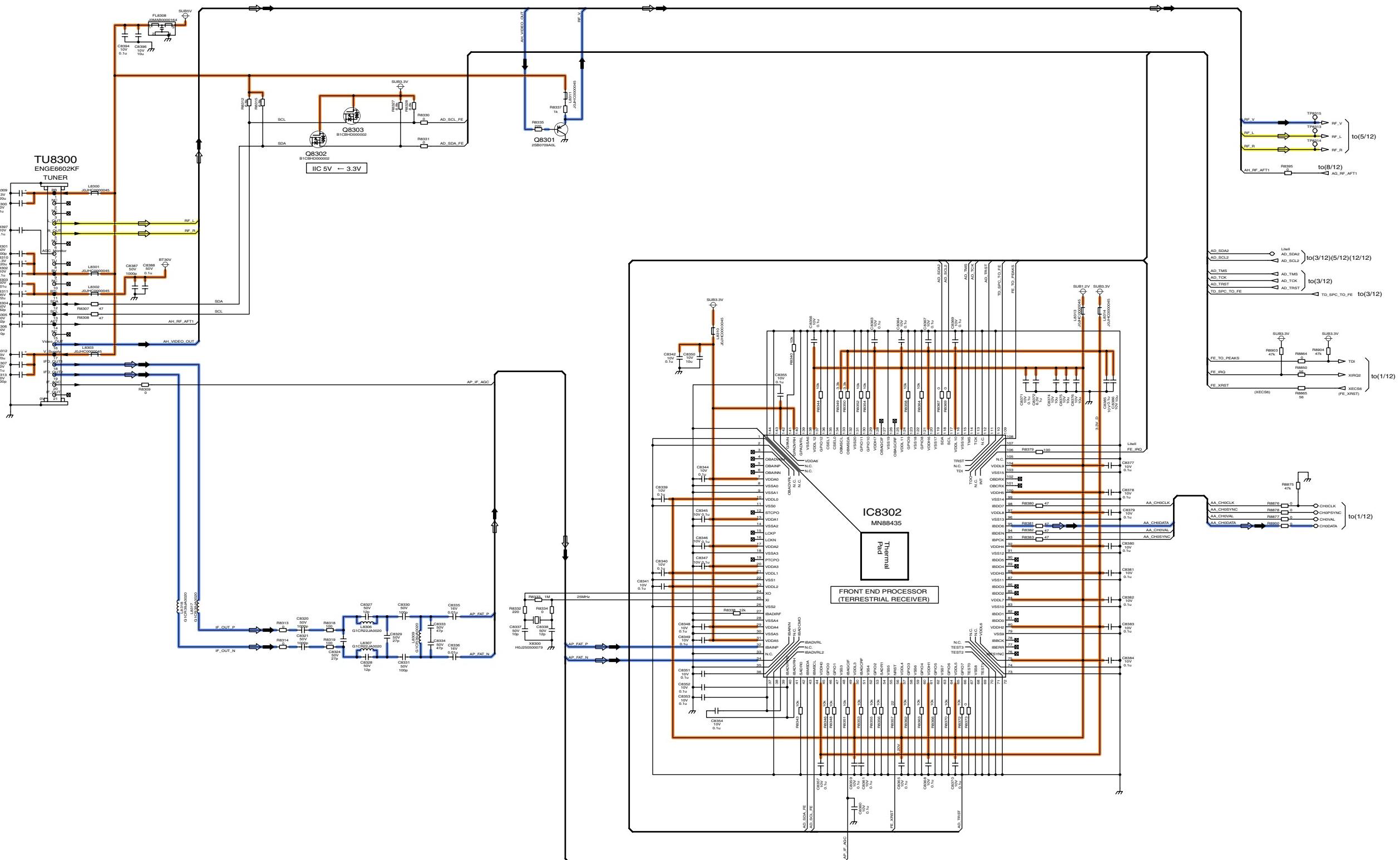
82 | 83

## TH-50PX75U A-Board (10 of 12) Schematic Diagram

## 15.22. A-Board (11 of 12) Schematic Diagram

! A-BOARD TNPH0692ACS (11/12)

Front End

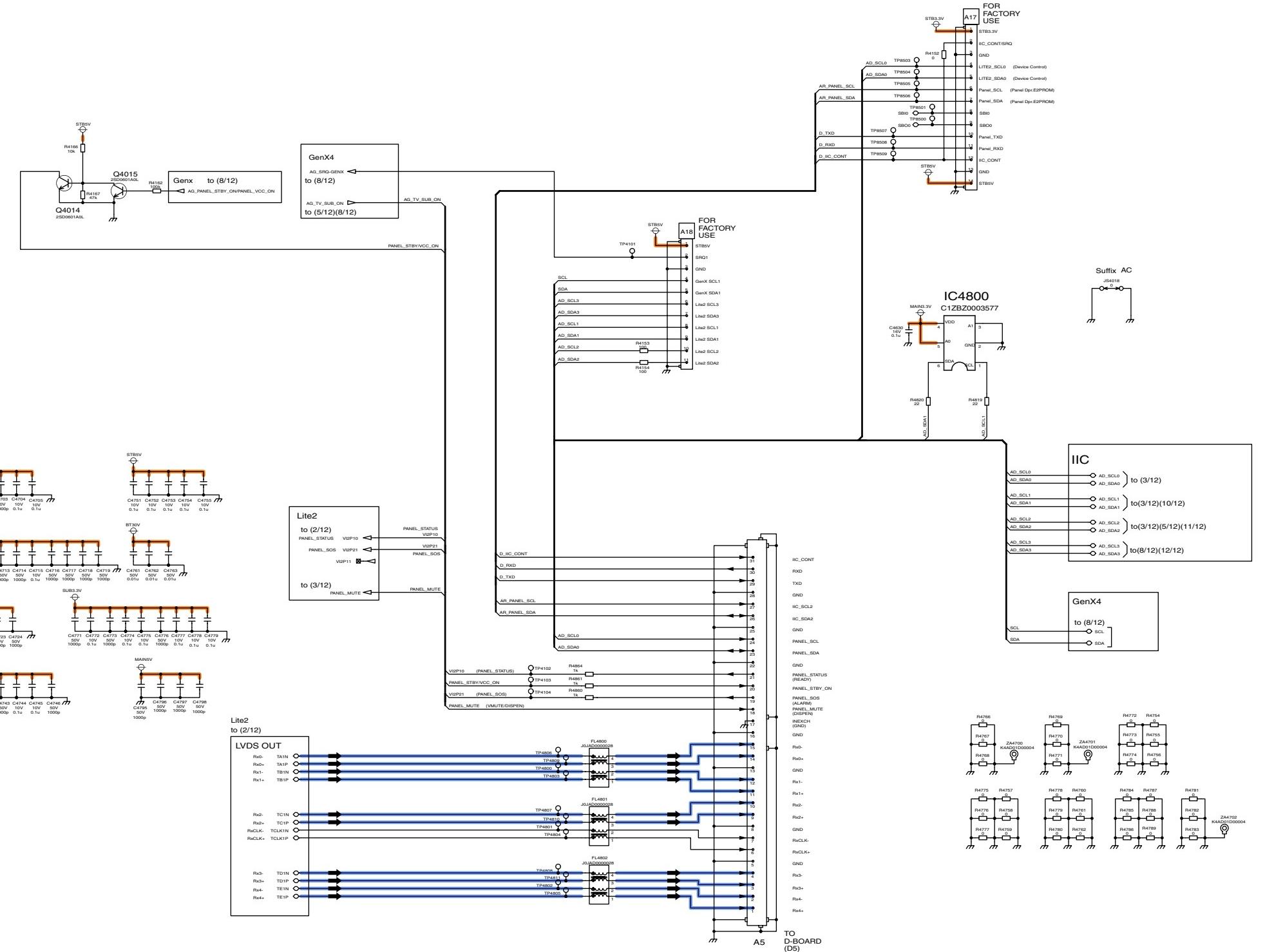


## 15.23. A-Board (12 of 12) Schematic Diagram

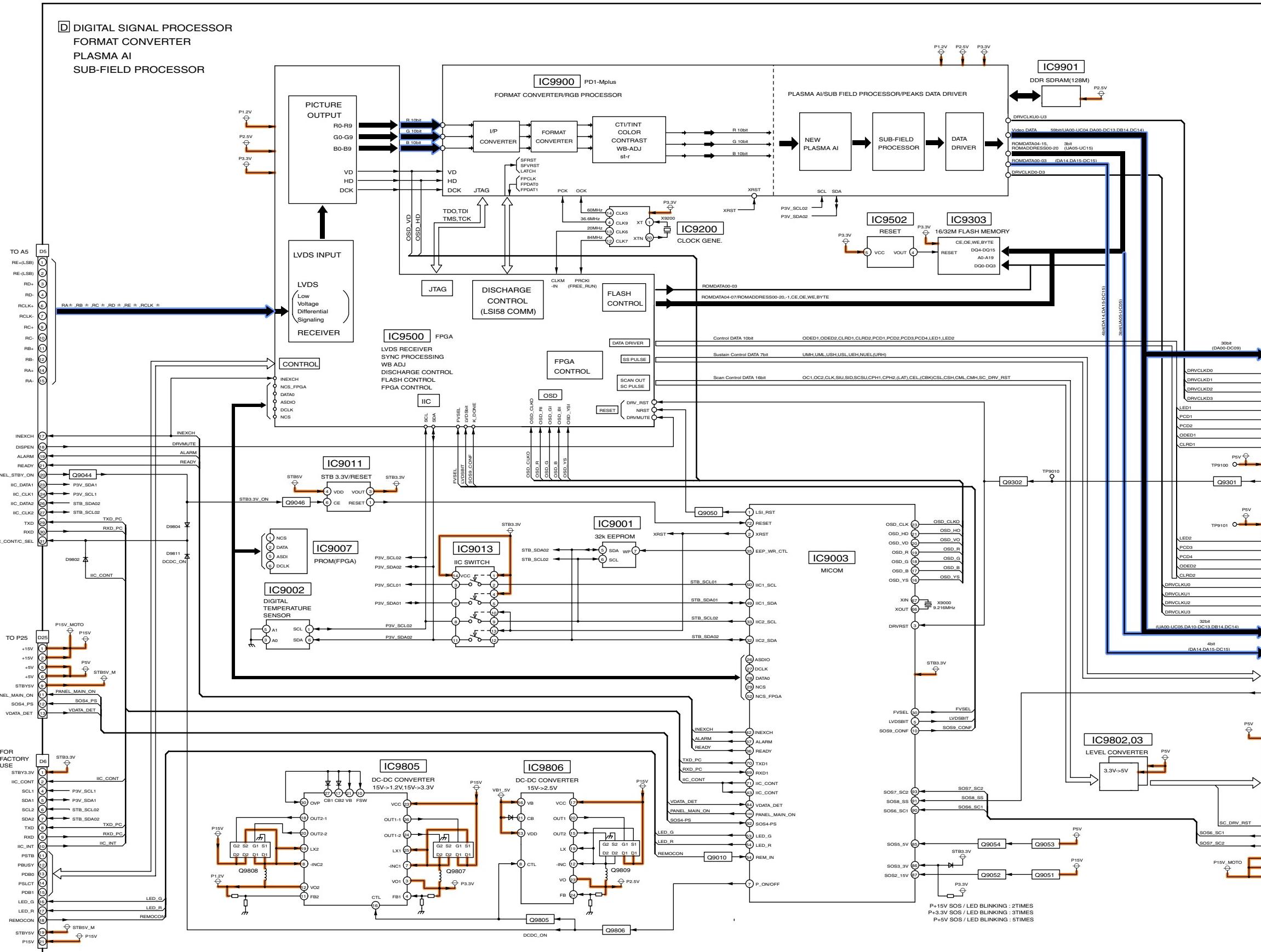


A-BOARD TNPH0692ACS (12/12)

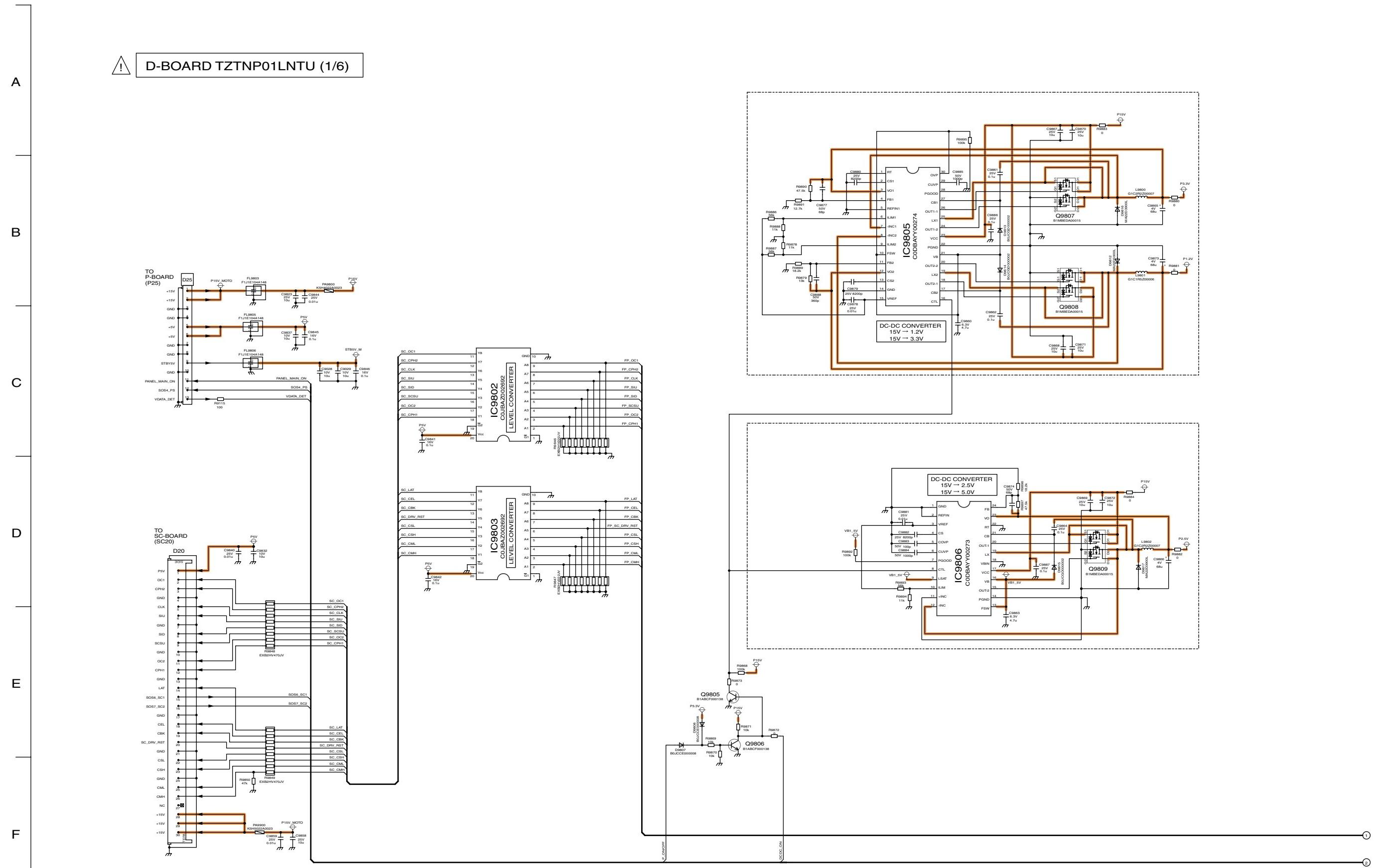
LVDS etc



## 15.24. D-Board Block Diagram



## 15.25. D-Board (1 of 6) Schematic Diagram



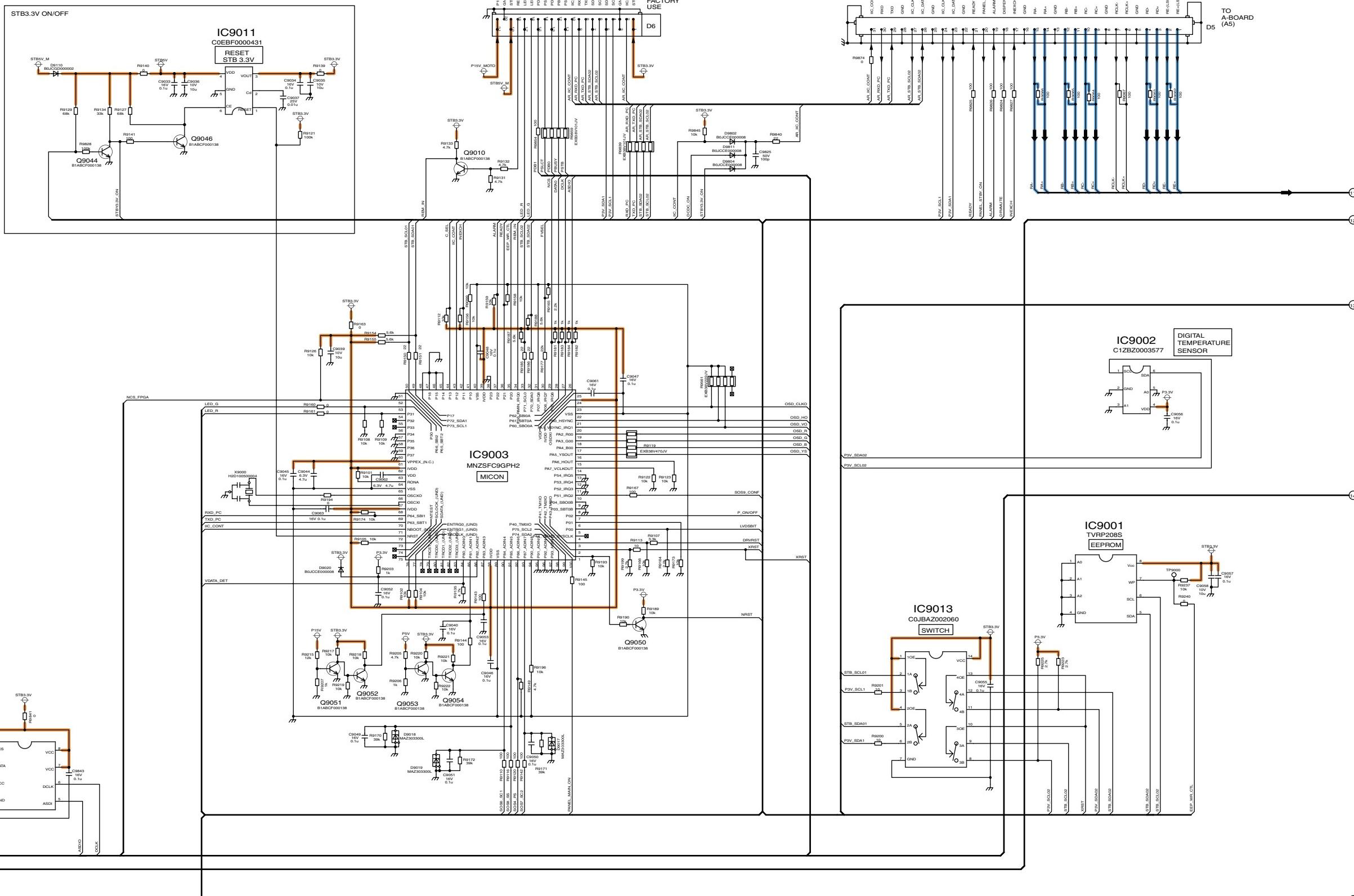
## TH-50PX75U D-Board (1 of 6) Schematic Diagram

## TH-50PX75U D-Board (1 of 6) Schematic Diagram

## 15.26. D-Board (2 of 6) Schematic Diagram



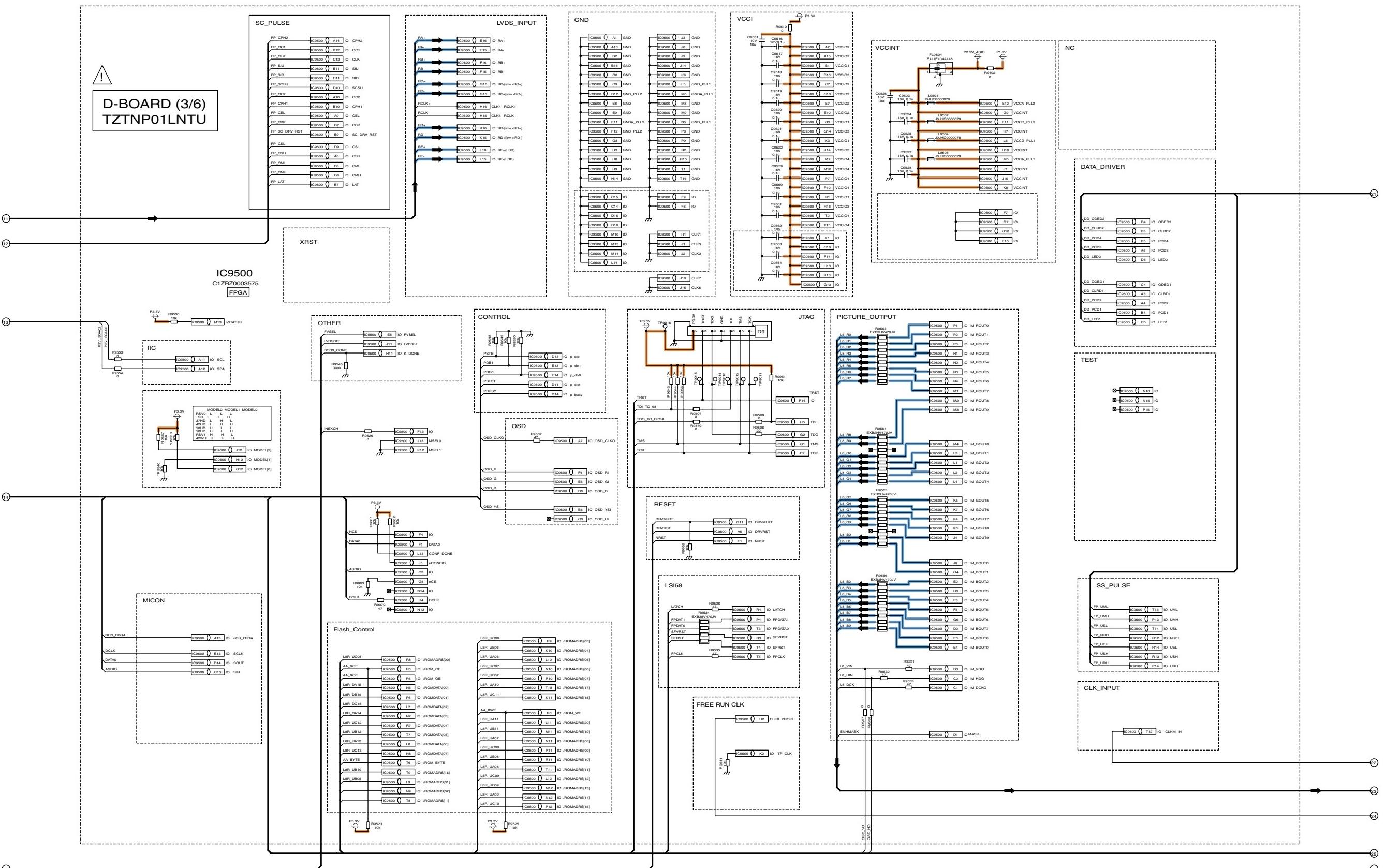
D-BOARD TZTNP01LNTU (2/6)



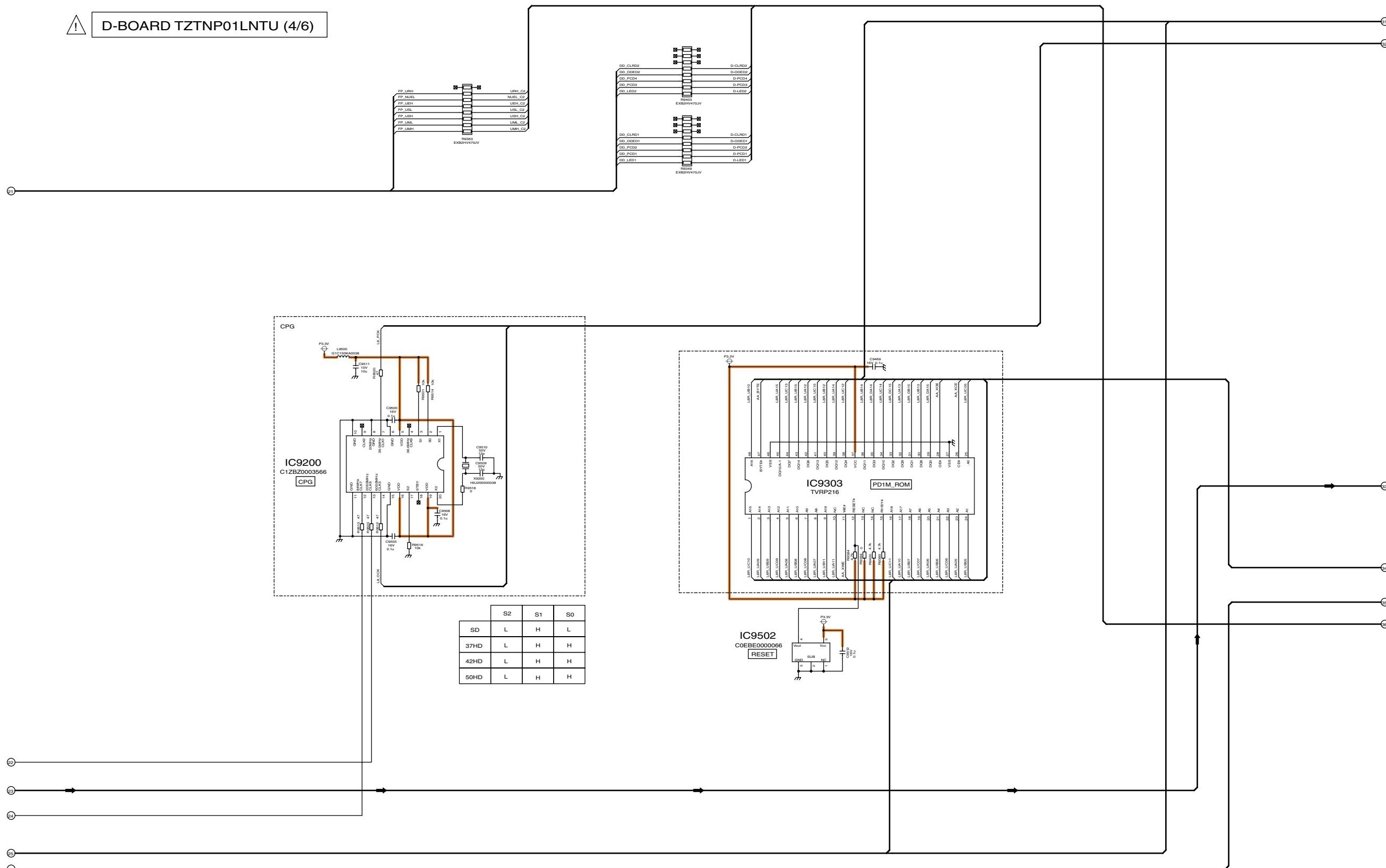
TH-50PX75U  
D-Board (2 of 6) Schematic Diagram

TH-50PX75U  
D-Board (2 of 6) Schematic Diagram

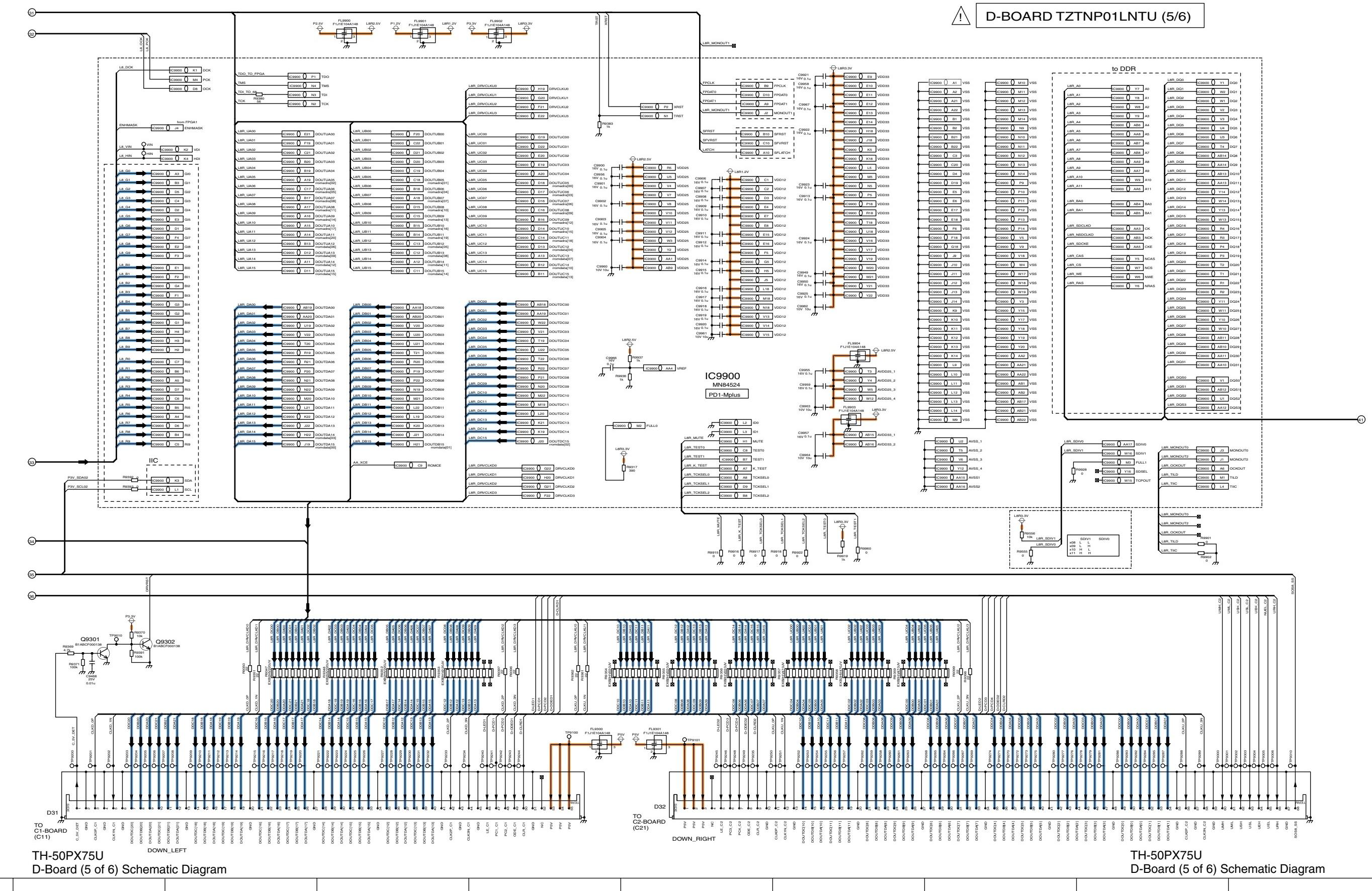
## 15.27. D-Board (3 of 6) Schematic Diagram



## 15.28. D-Board (4 of 6) Schematic Diagram

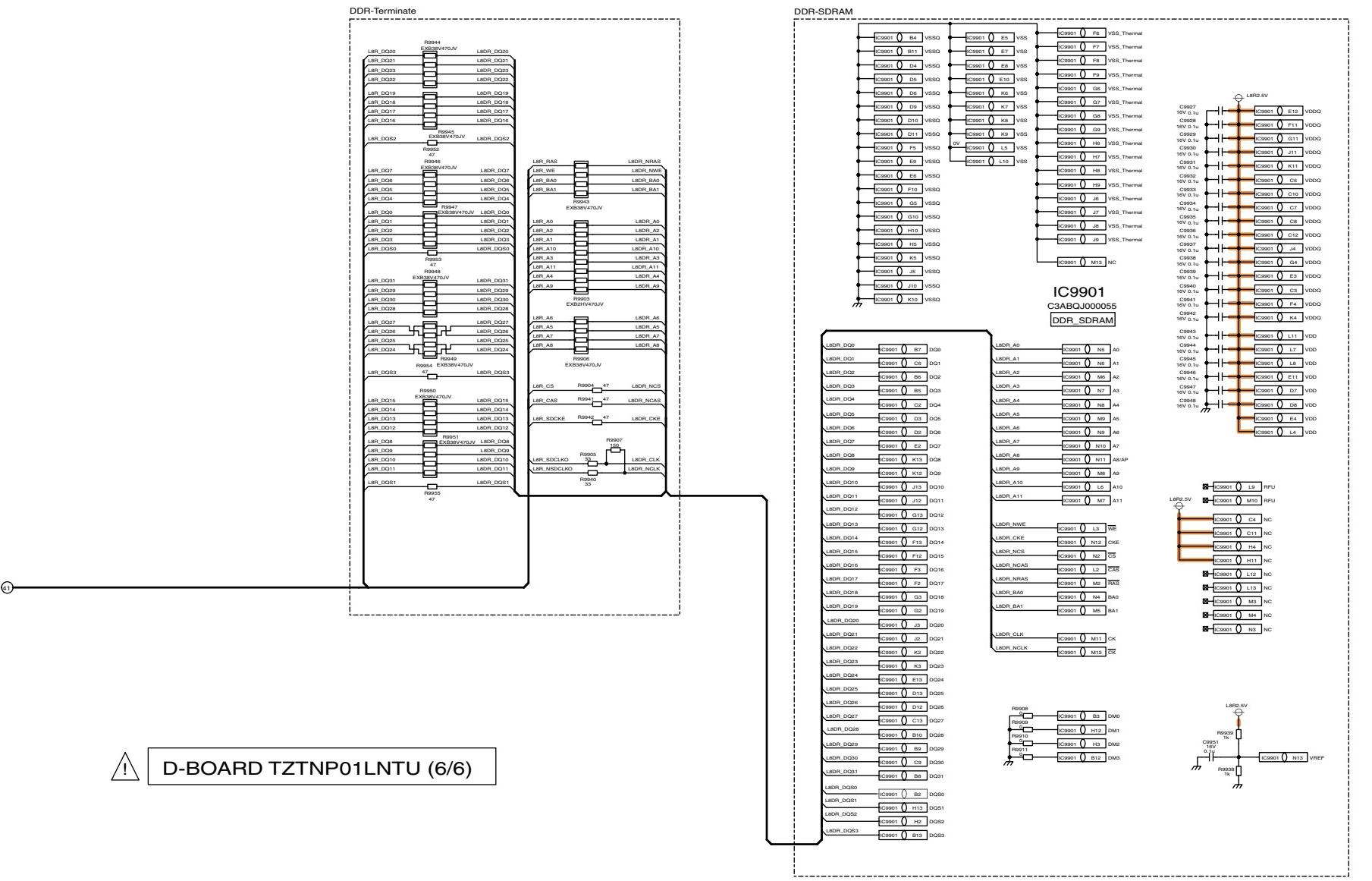


## 15.29. D-Board (5 of 6) Schematic Diagram



TH-50PX75U  
D-Board (5 of 6) Schematic Diagram

## **15.30. D-Board (6 of 6) Schematic Diagram**



## TH-50PX75U D-Board (6 of 6) Schematic Diagram

46

47

48

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## TH-50PX75U D-Board (6 of 6) Schematic Diagram

46

47

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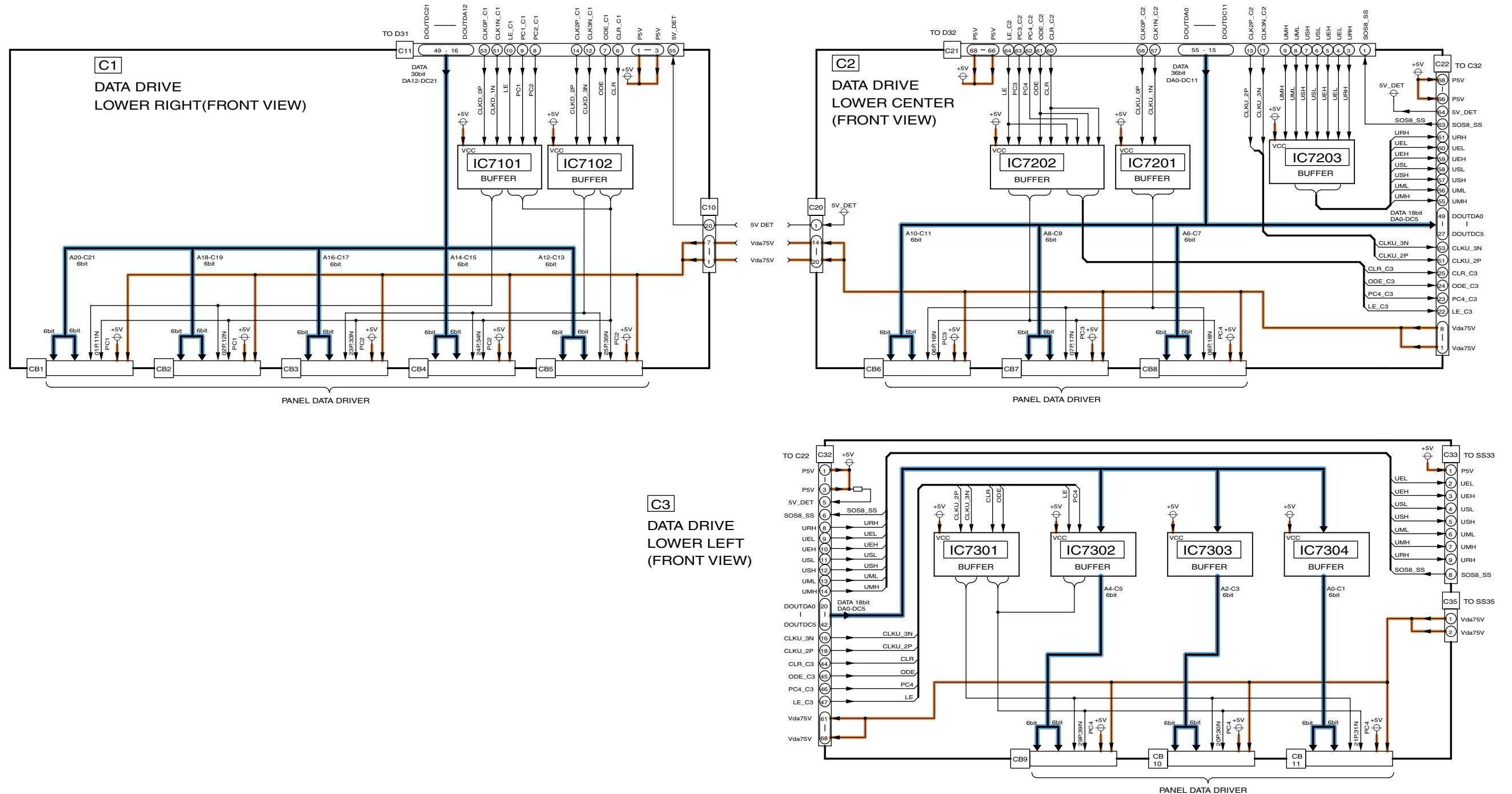
50

51

52

53 | 54

### 15.31. C1, C2 and C3-Board Block Diagram



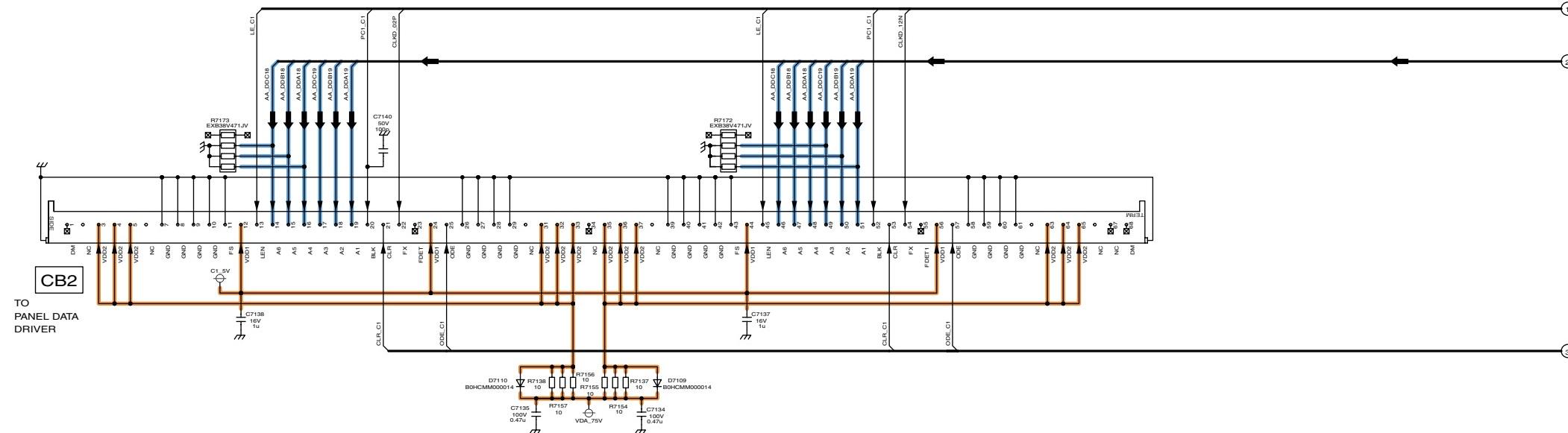
TH-50PX75U  
C1, C2 and C3-Board Block Diagram

TH-50PX75U  
C1, C2 and C3-Board Block Diagram

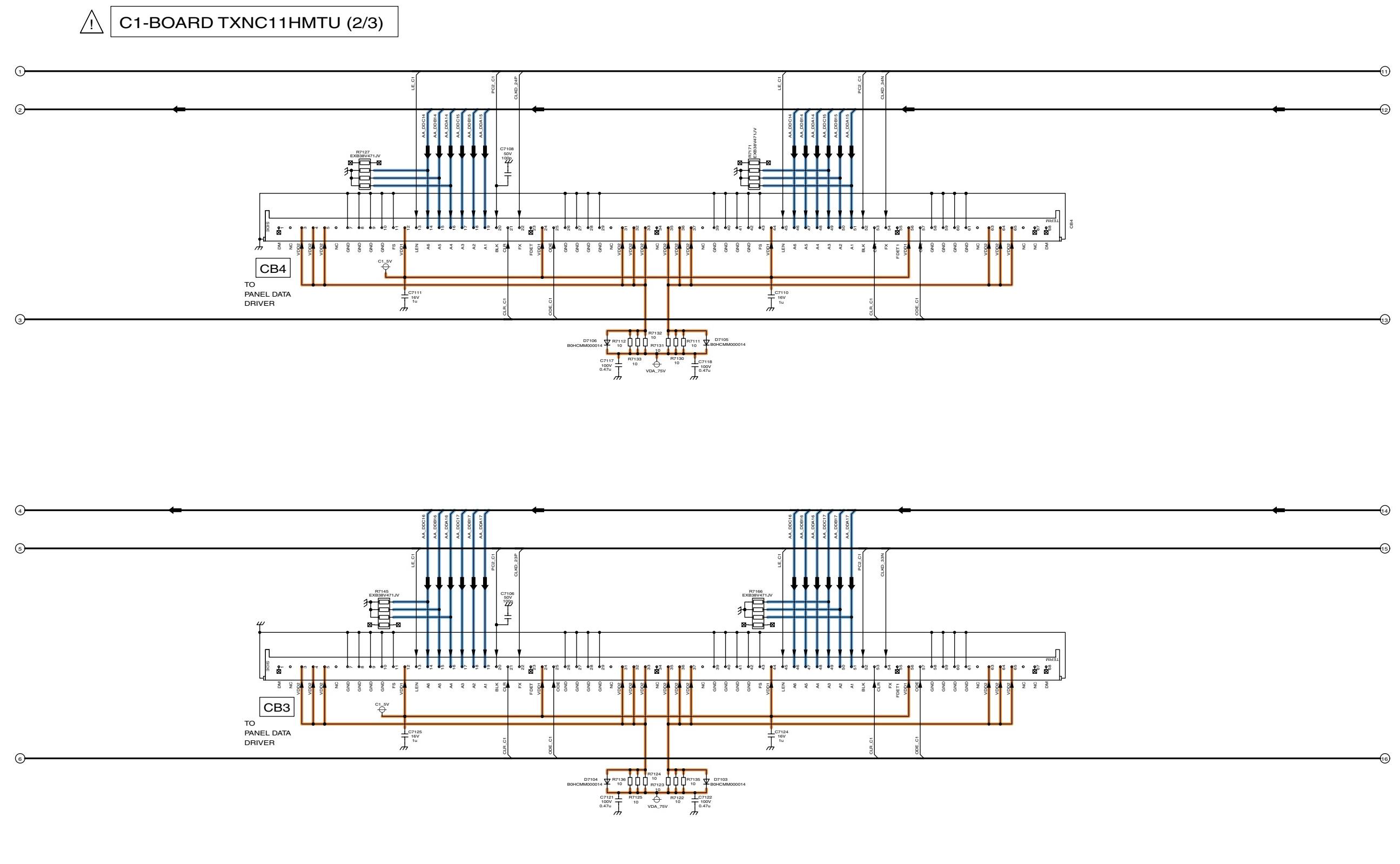
## 15.32. C1-Board (1 of 3) Schematic Diagram

**C1-BOARD TXNC11HMTU (1/3)**

A



### 15.33. C1-Board (2 of 3) Schematic Diagram

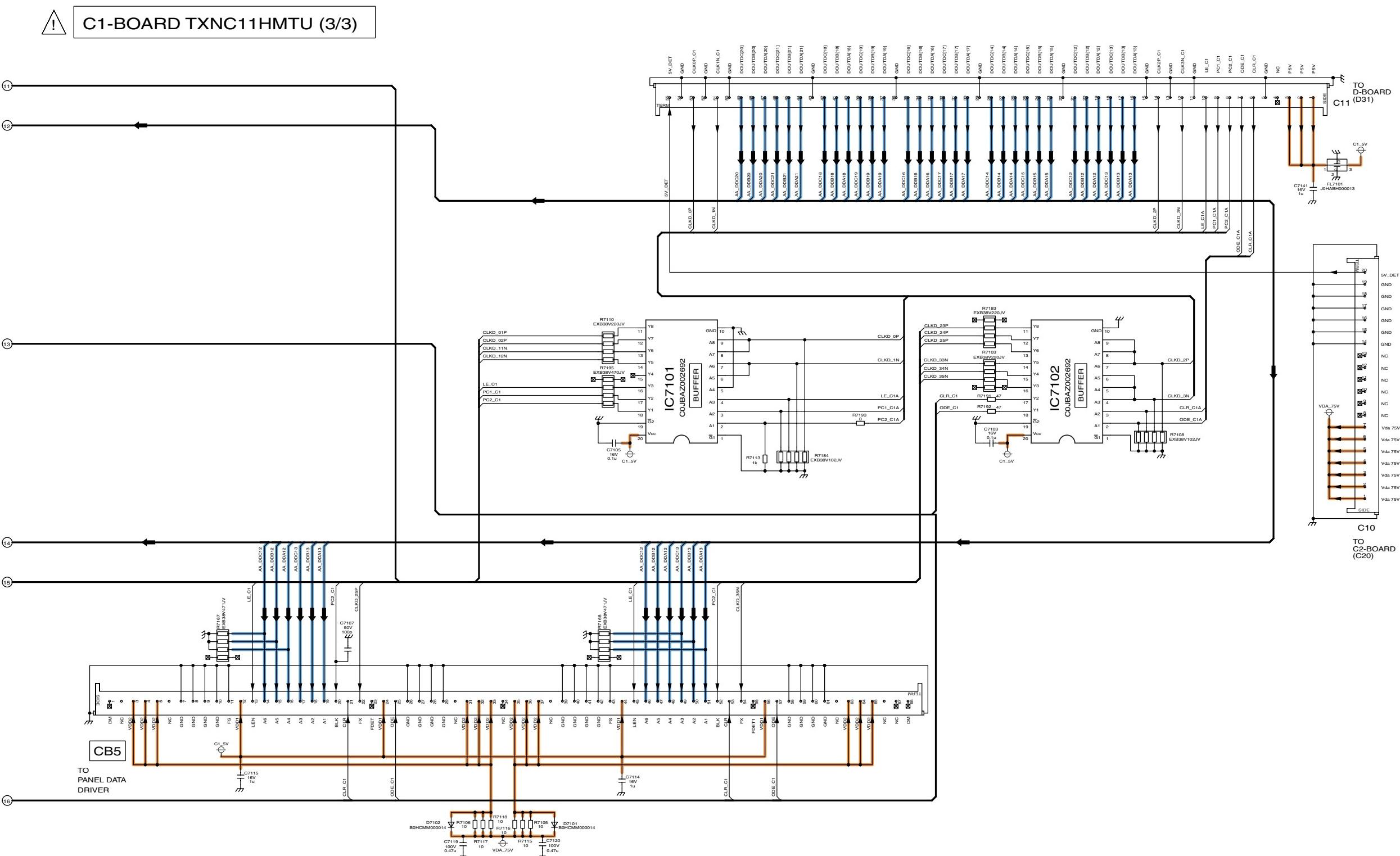


TH-50PX75U  
C1-Board (2 of 3) Schematic Diagram

8 9 10 11 12 13 14 15

TH-50PX75U  
C1-Board (2 of 3) Schematic Diagram

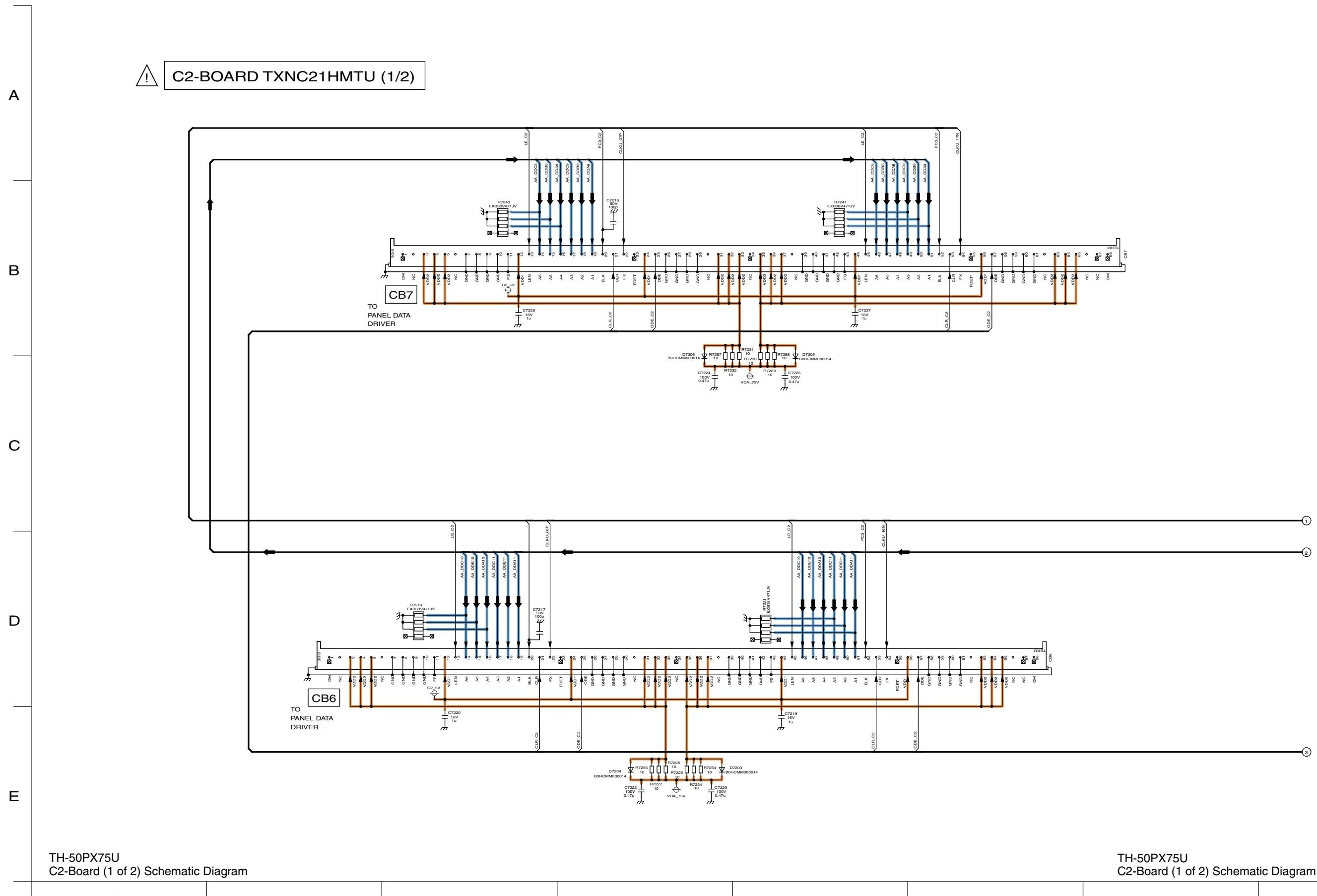
### 15.34. C1-Board (3 of 3) Schematic Diagram



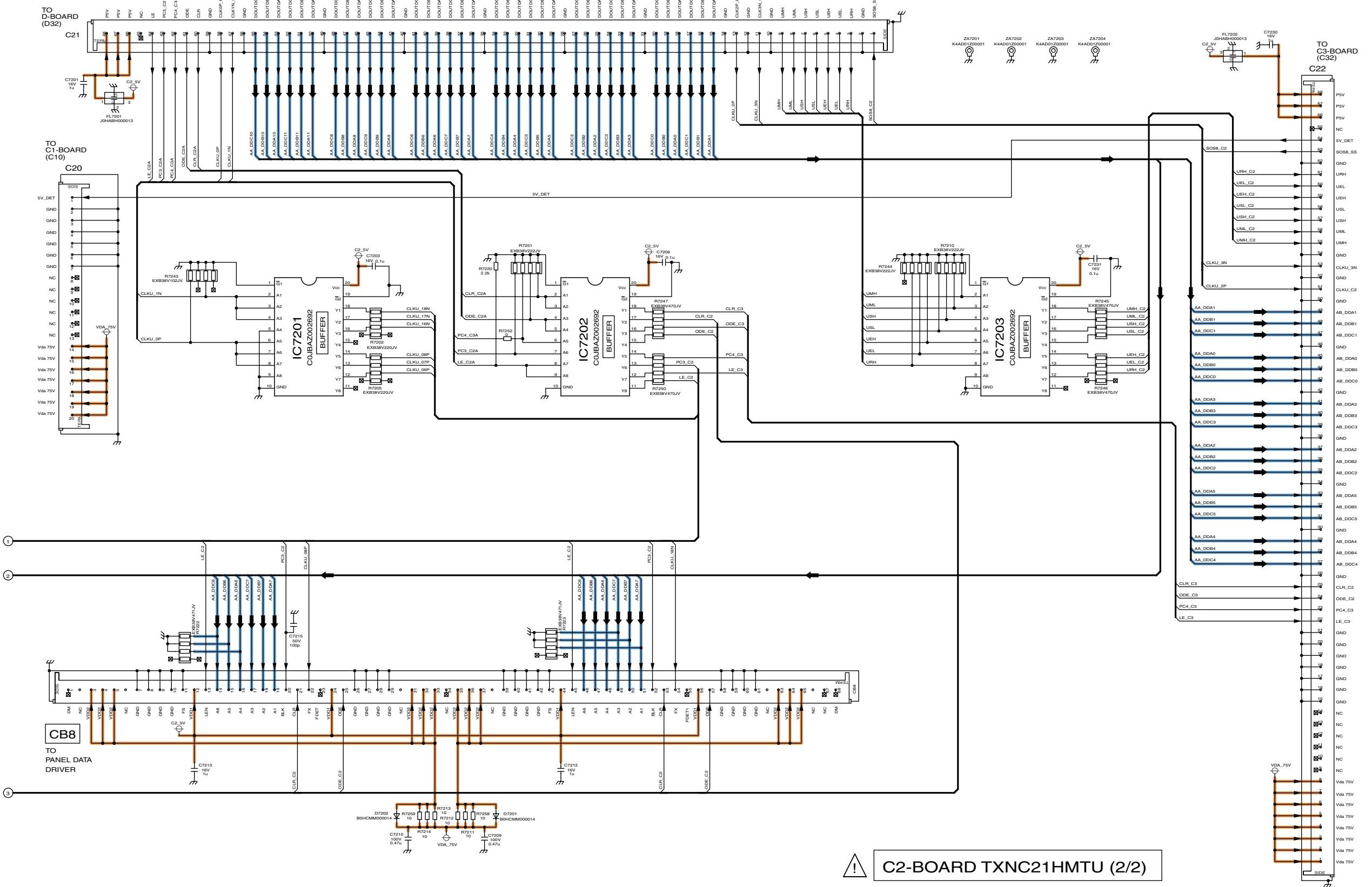
TH-50PX75U  
C1-Board (3 of 3) Schematic Diagram

TH-50PX75U  
C1-Board (3 of 3) Schematic Diagram

## 15.35. C2-Board (1 of 2) Schematic Diagram



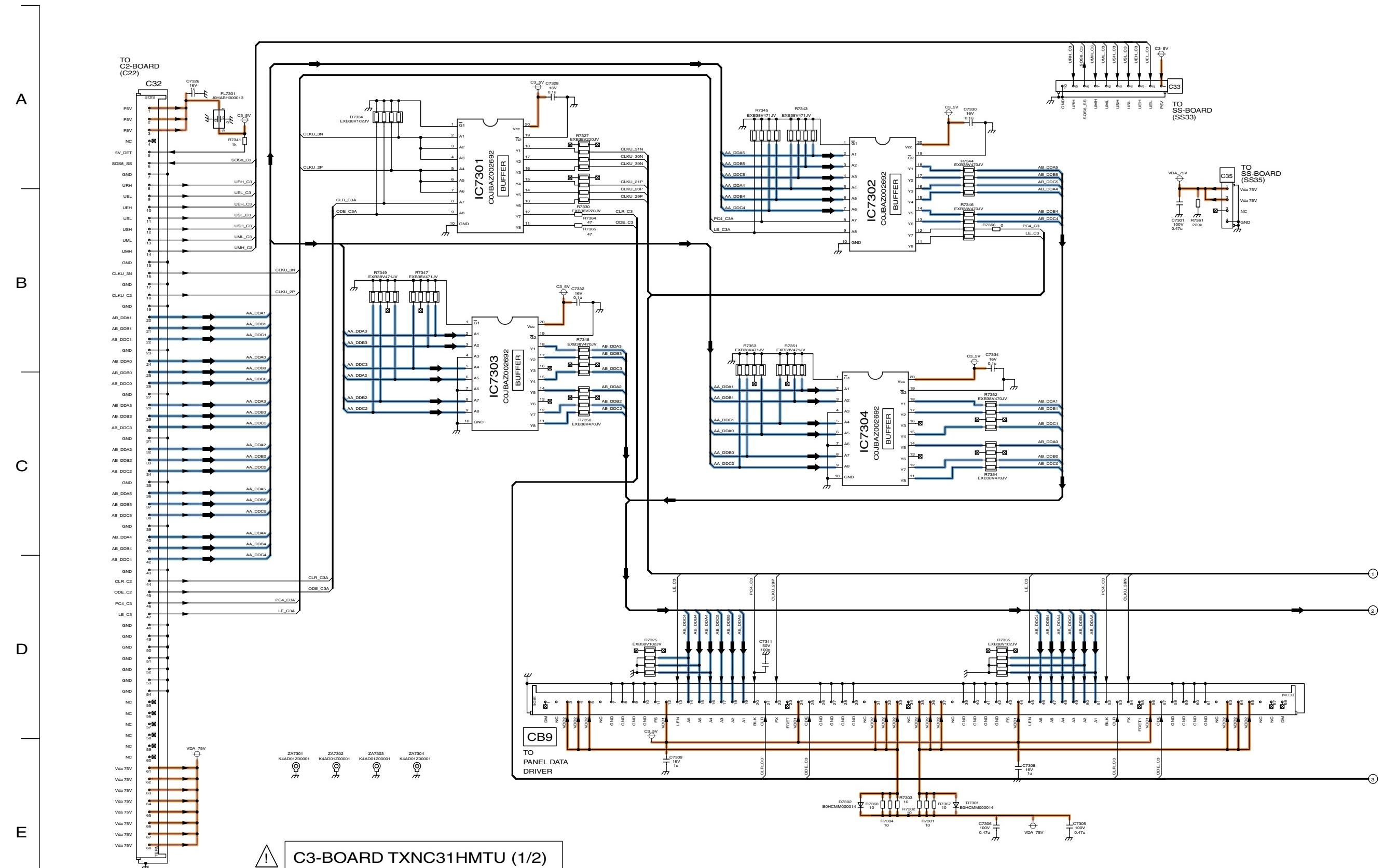
## 15.36. C2-Board (2 of 2) Schematic Diagram



## TH-50PX75U C2-Board (2 of 2) Schematic Diagram

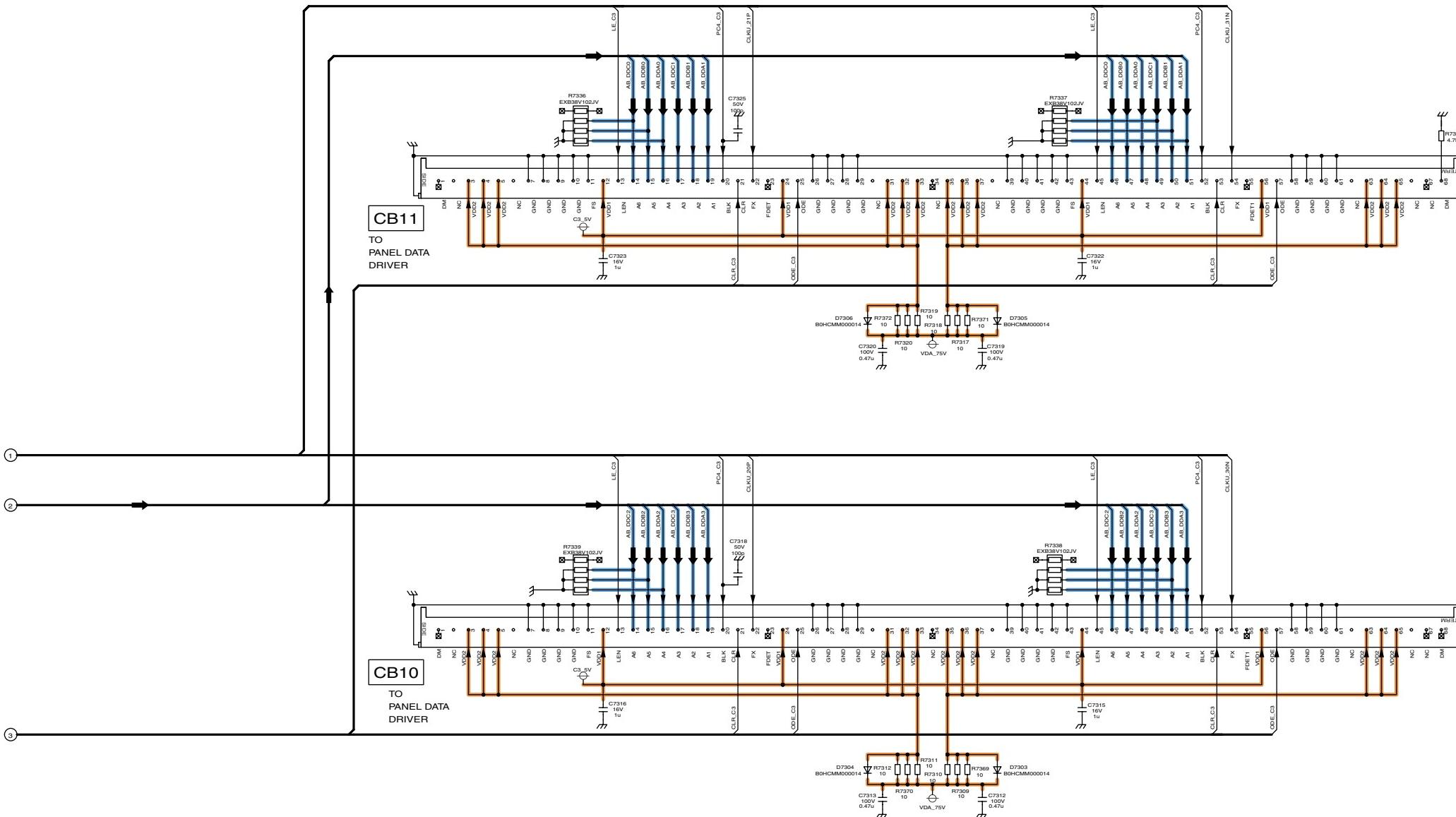
TH-50PX75U  
C2-Board (2 of 2) Schematic Diagram

### 15.37. C3-Board (1 of 2) Schematic Diagram



### 15.38. C3-Board (2 of 2) Schematic Diagram

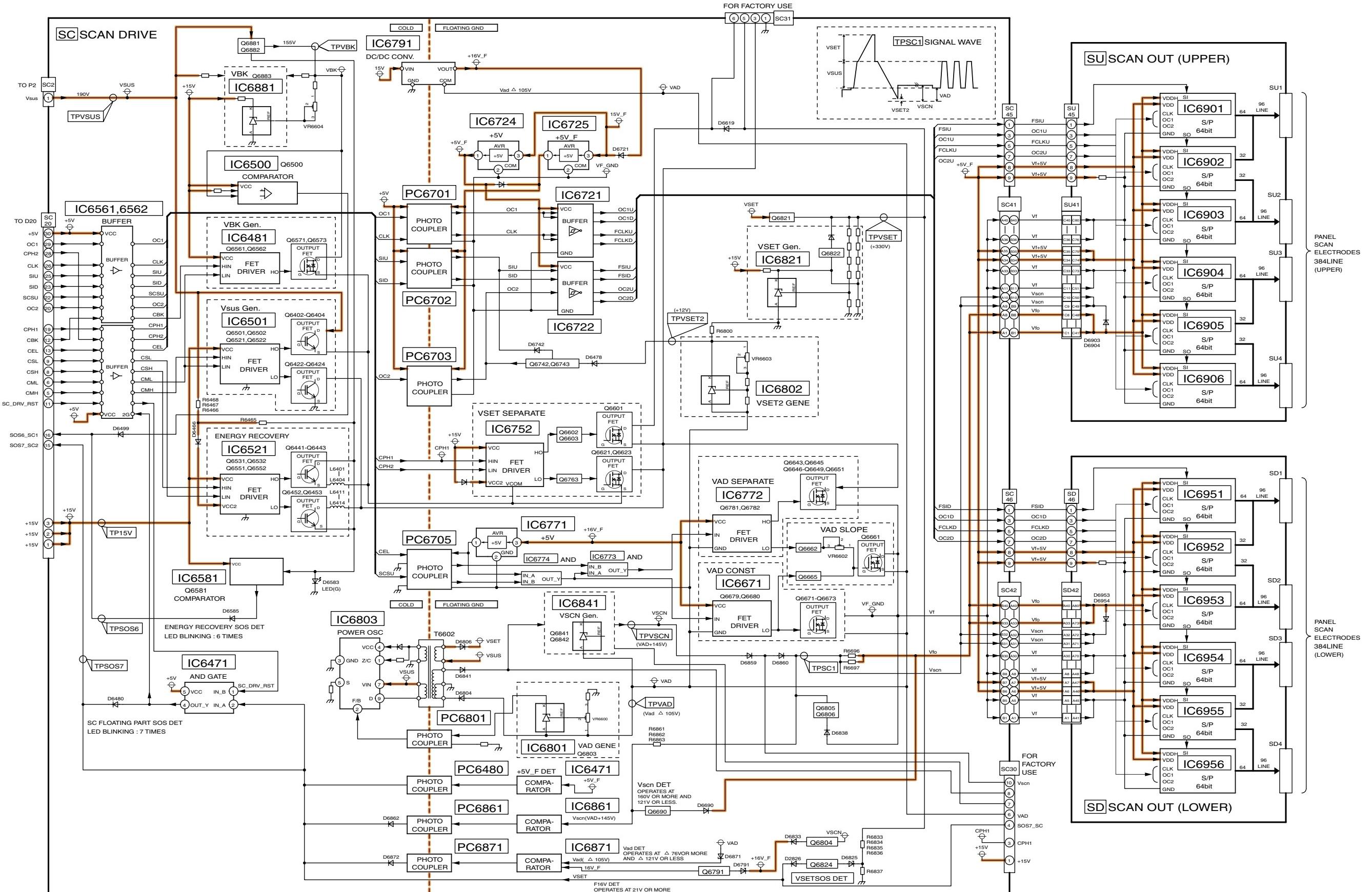
C3-BOARD TXNC31HMTU (2/2)



TH-50PX75U  
C3-Board (2 of 2) Schematic Diagram

TH-50PX75U  
C3-Board (2 of 2) Schematic Diagram

## 15.39. SC, SU and SD-Board Block Diagram



TH-50PX75U  
SC, SU and SD-Board Block Diagram

TH-50PX75U  
SC, SU and SD-Board Block Diagram

## 15.40. SC-Board (1 of 3) Schematic Diagram

## SC-BOARD TXNSC1HMTU (1/3)

A

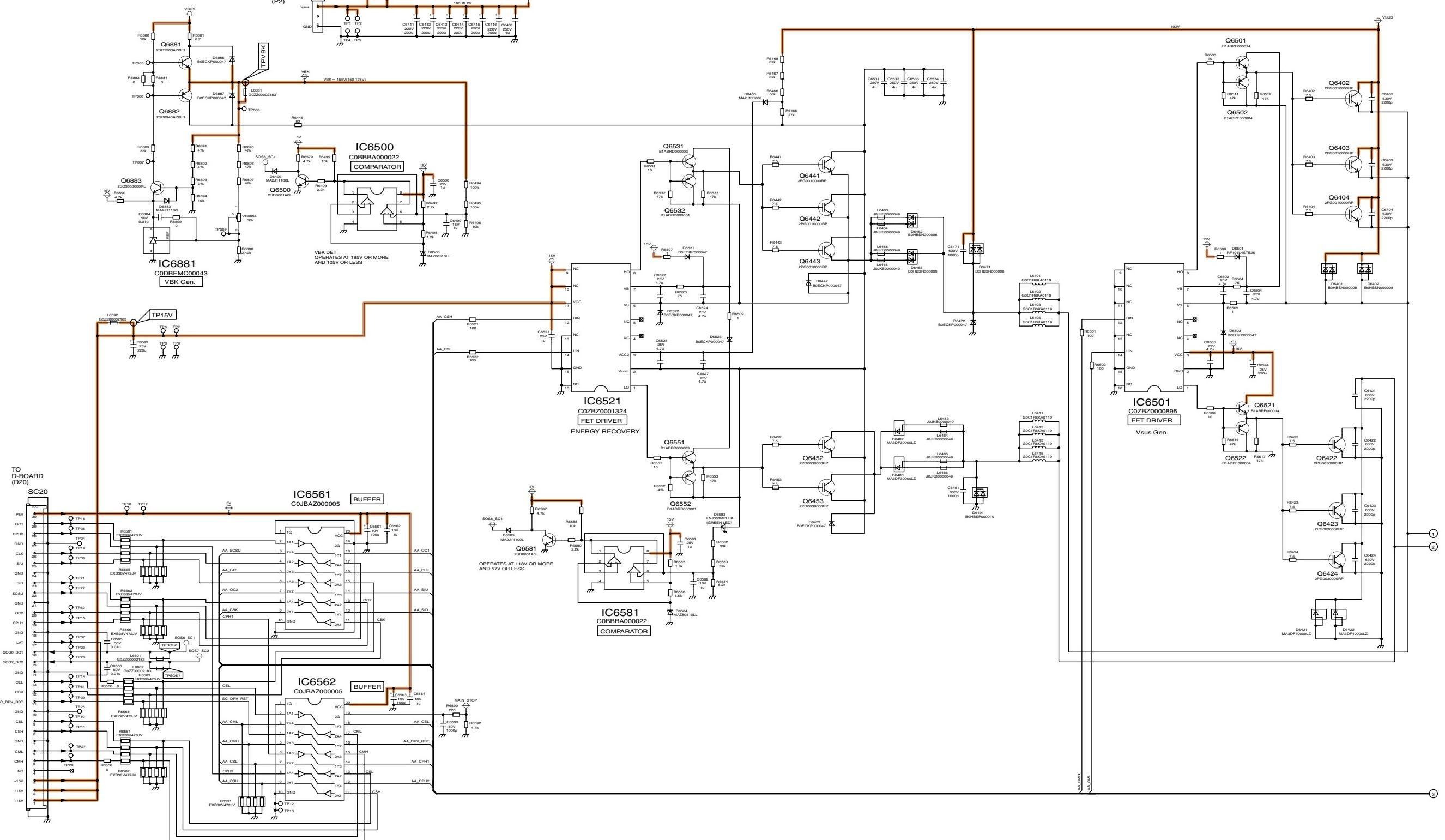
B

C

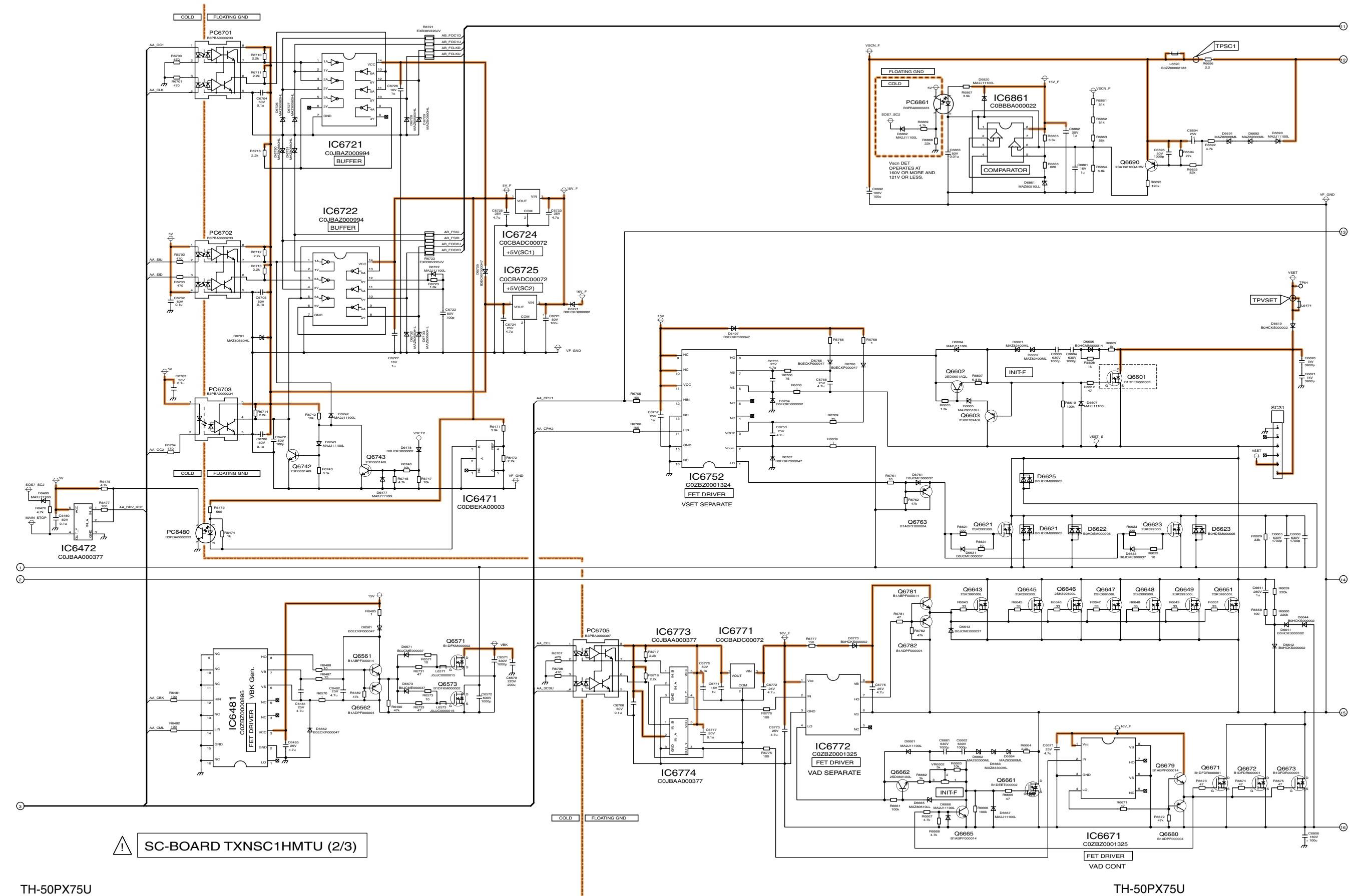
D

E

F

TH-50PX75U  
SC-Board (1 of 3) Schematic DiagramTH-50PX75U  
SC-Board (1 of 3) Schematic Diagram

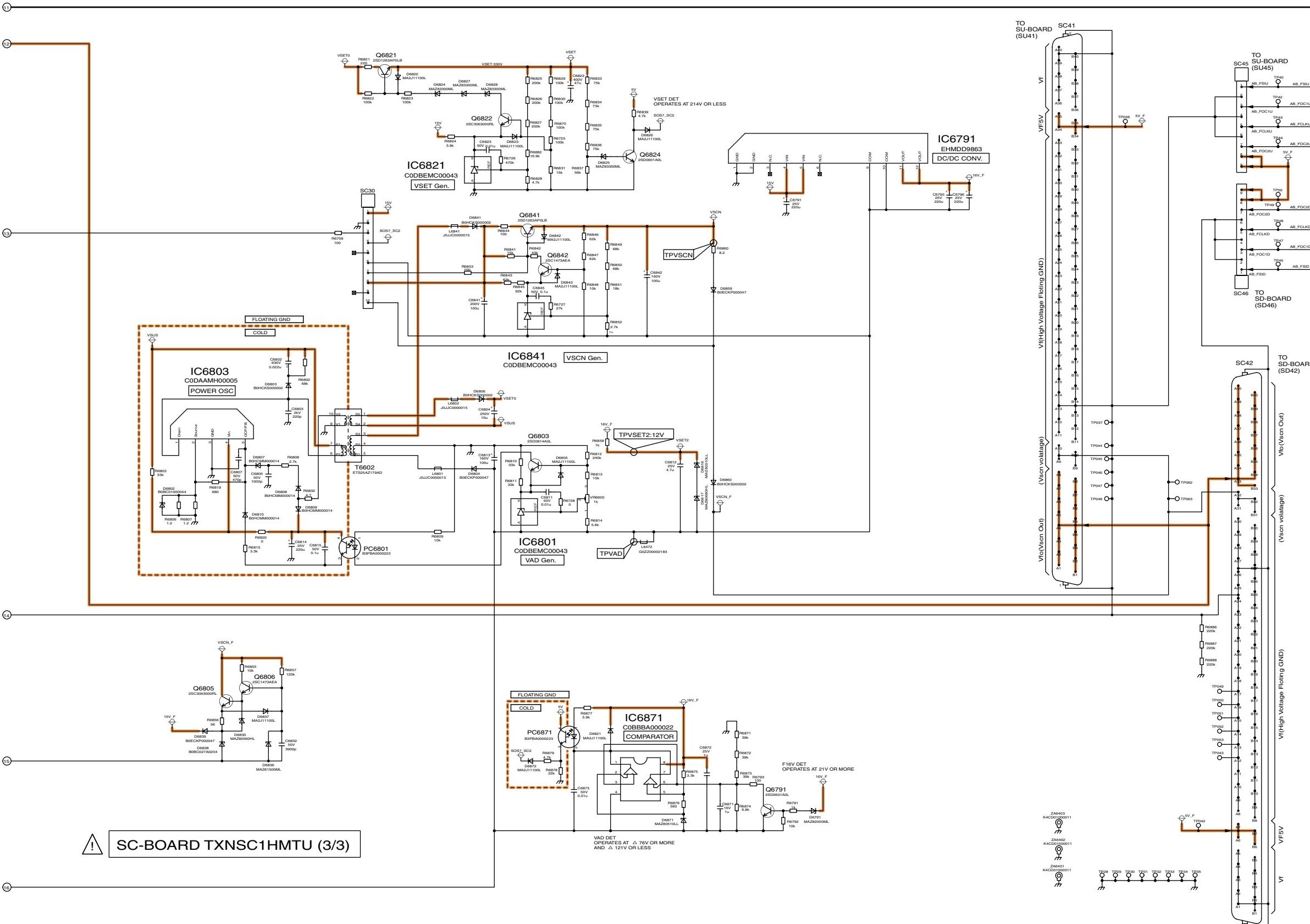
## 15.41. SC-Board (2 of 3) Schematic Diagram



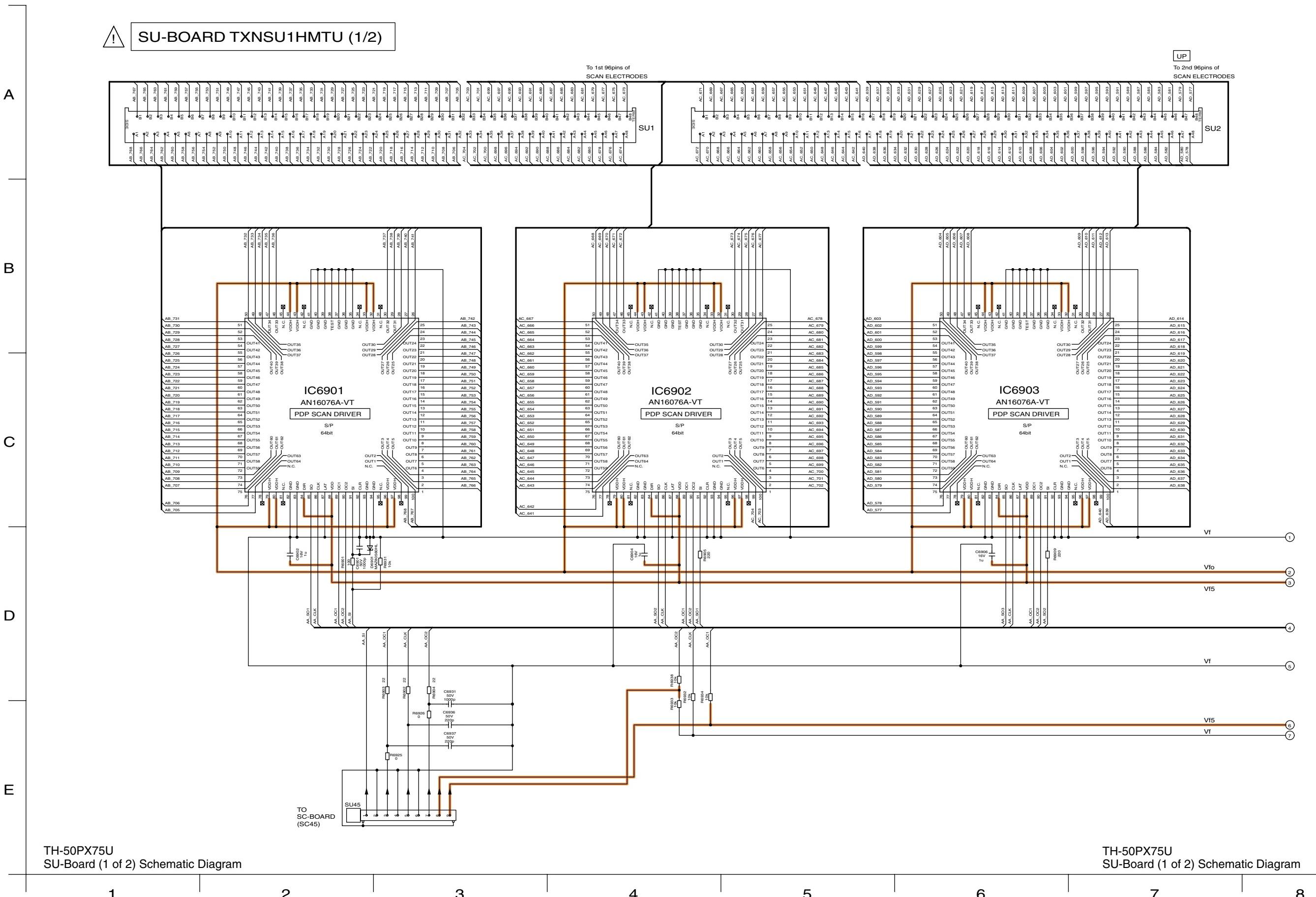
## TH-50PX75U SC-Board (2 of 3) Schematic Diagram

## TH-50PX75U SC-Board (2 of 3) Schematic Diagram

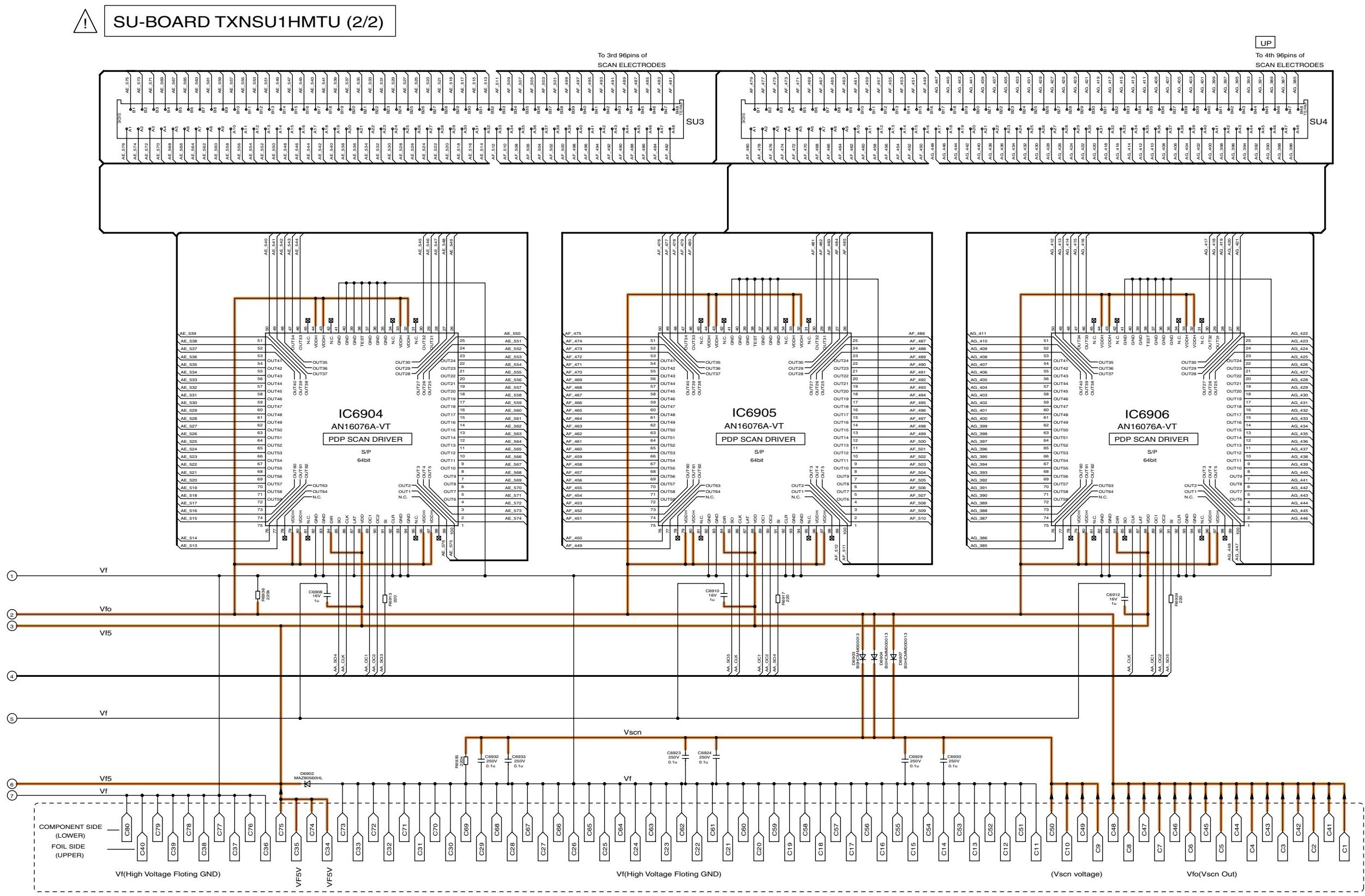
## 15.42. SC-Board (3 of 3) Schematic Diagram

TH-50PX75U  
SC-Board (3 of 3) Schematic DiagramTH-50PX75U  
SC-Board (3 of 3) Schematic Diagram

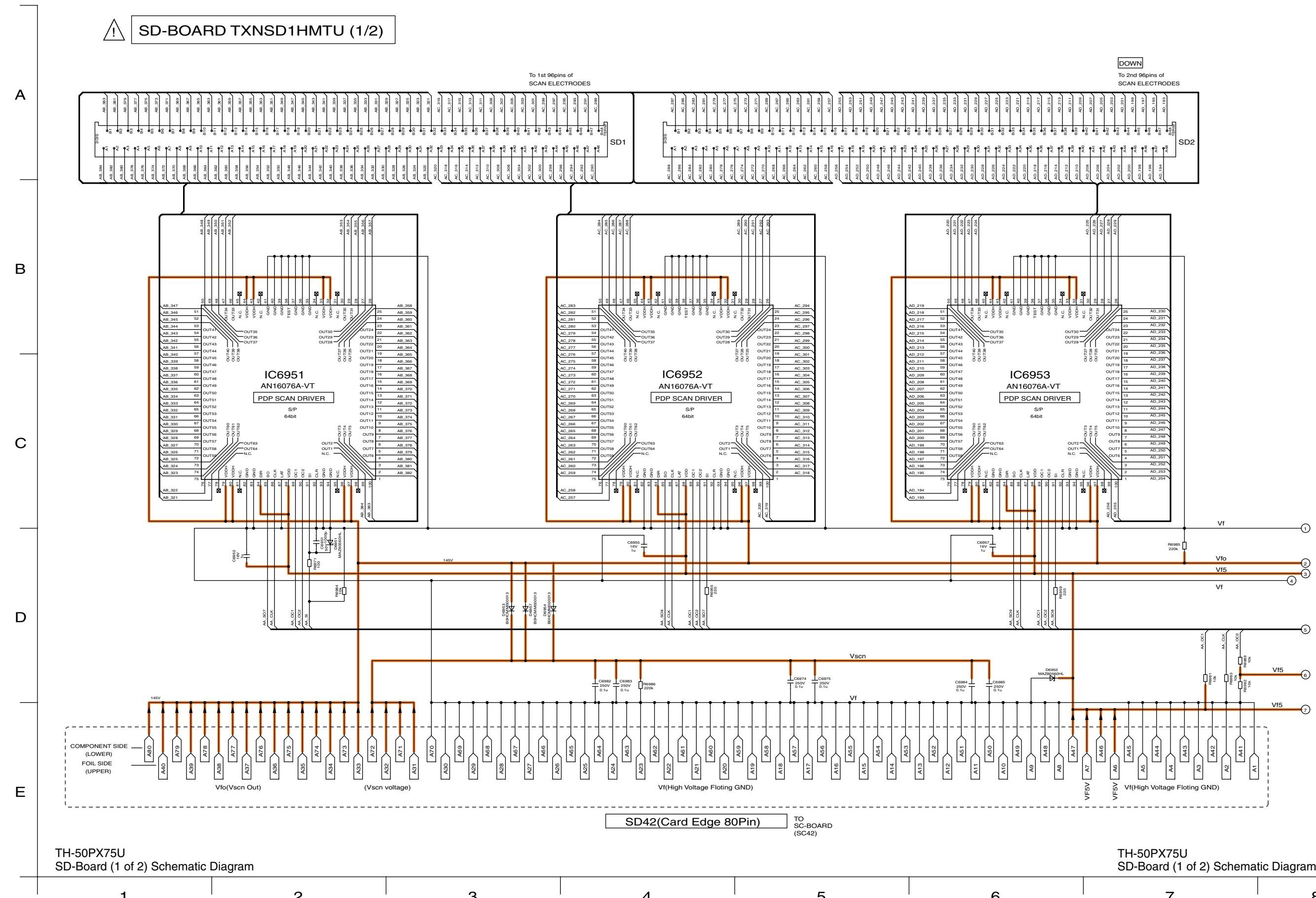
## 15.43. SU-Board (1 of 2) Schematic Diagram



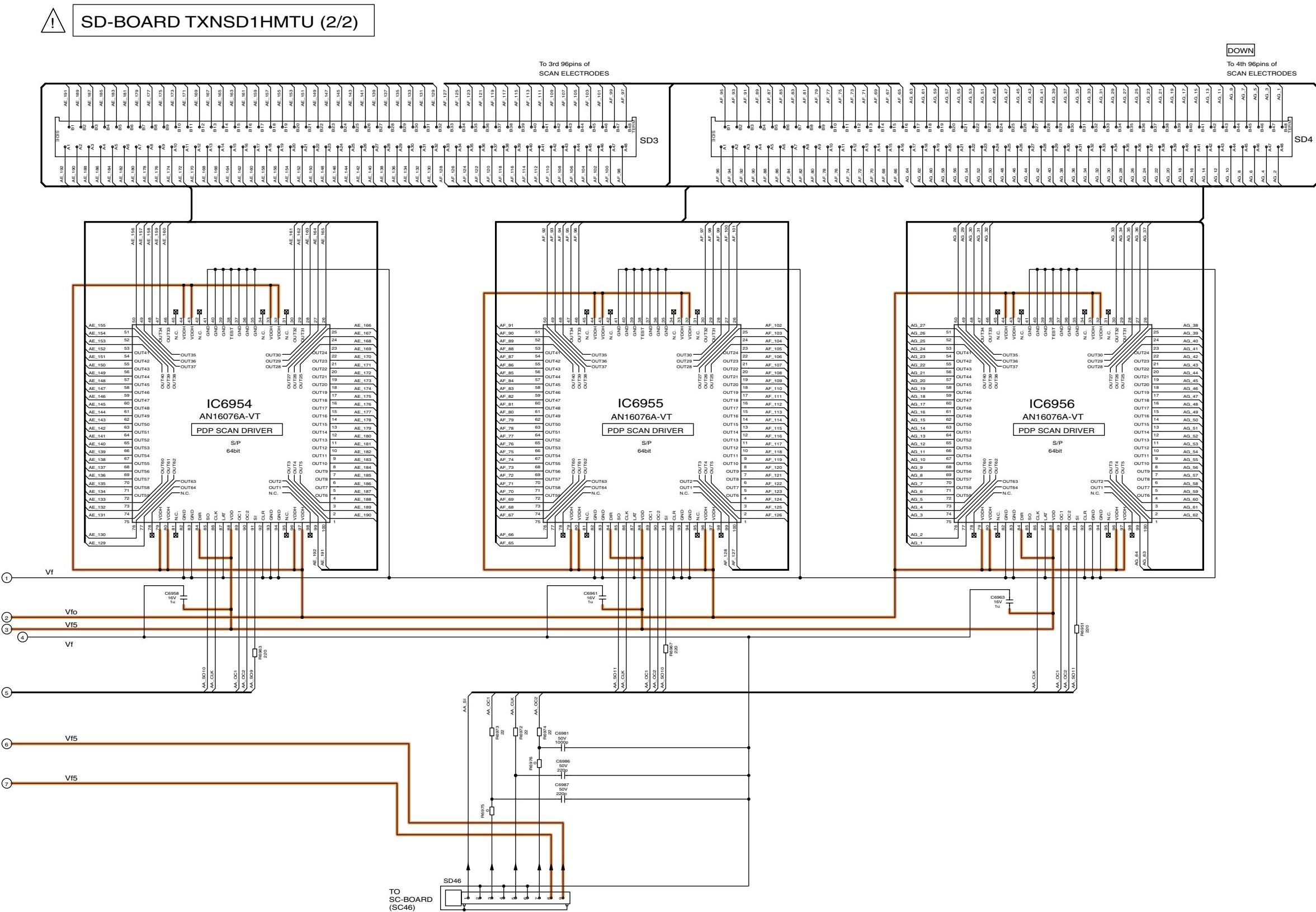
## 15.44. SU-Board (2 of 2) Schematic Diagram



## 15.45. SD-Board (1 of 2) Schematic Diagram



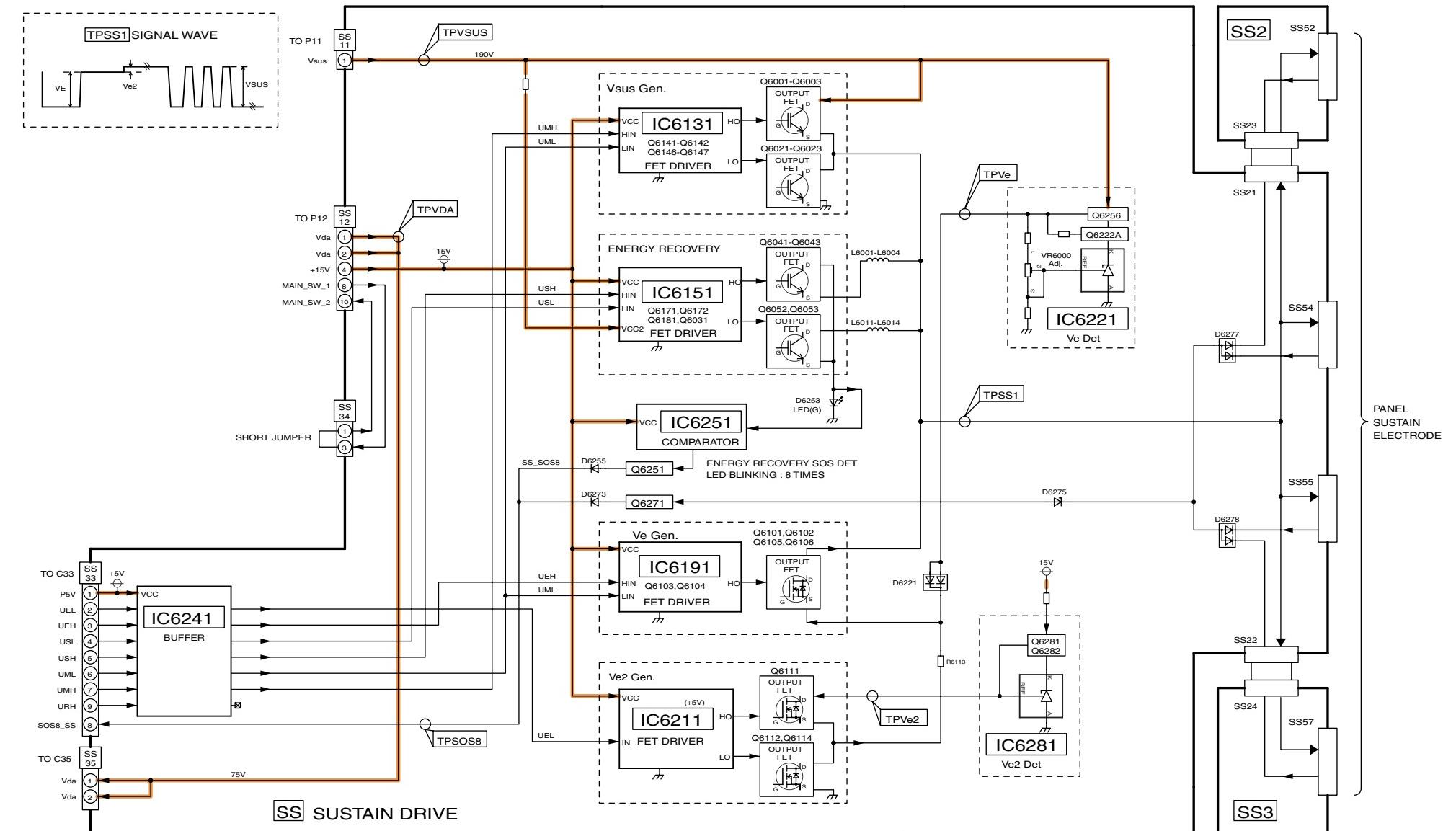
## **15.46. SD-Board (2 of 2) Schematic Diagram**



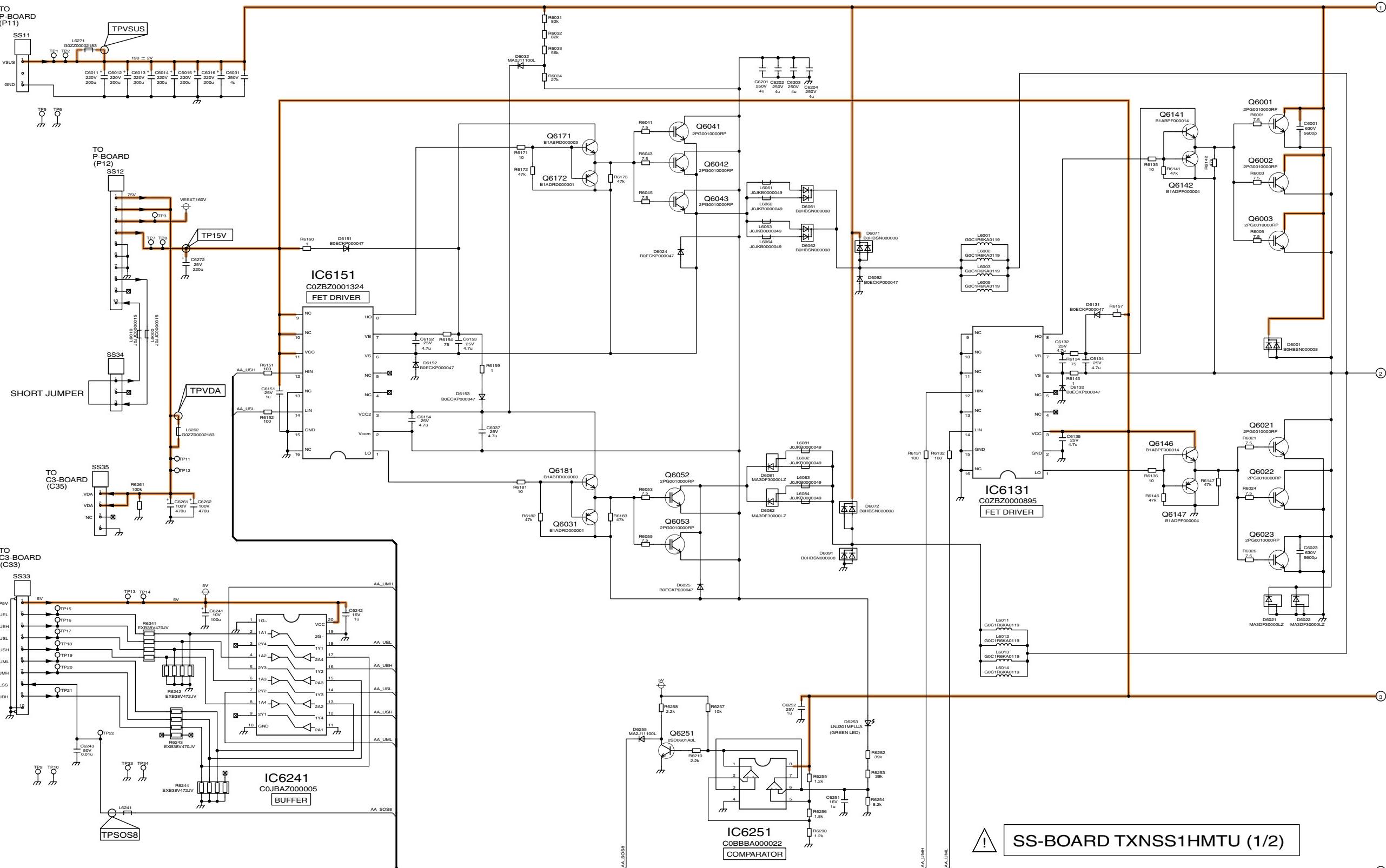
# TH-50PX75U SD-Board (2 of 2) Schematic Diagram

TH-50PX75U  
SD-Board (2 of 2) Schematic Diagram

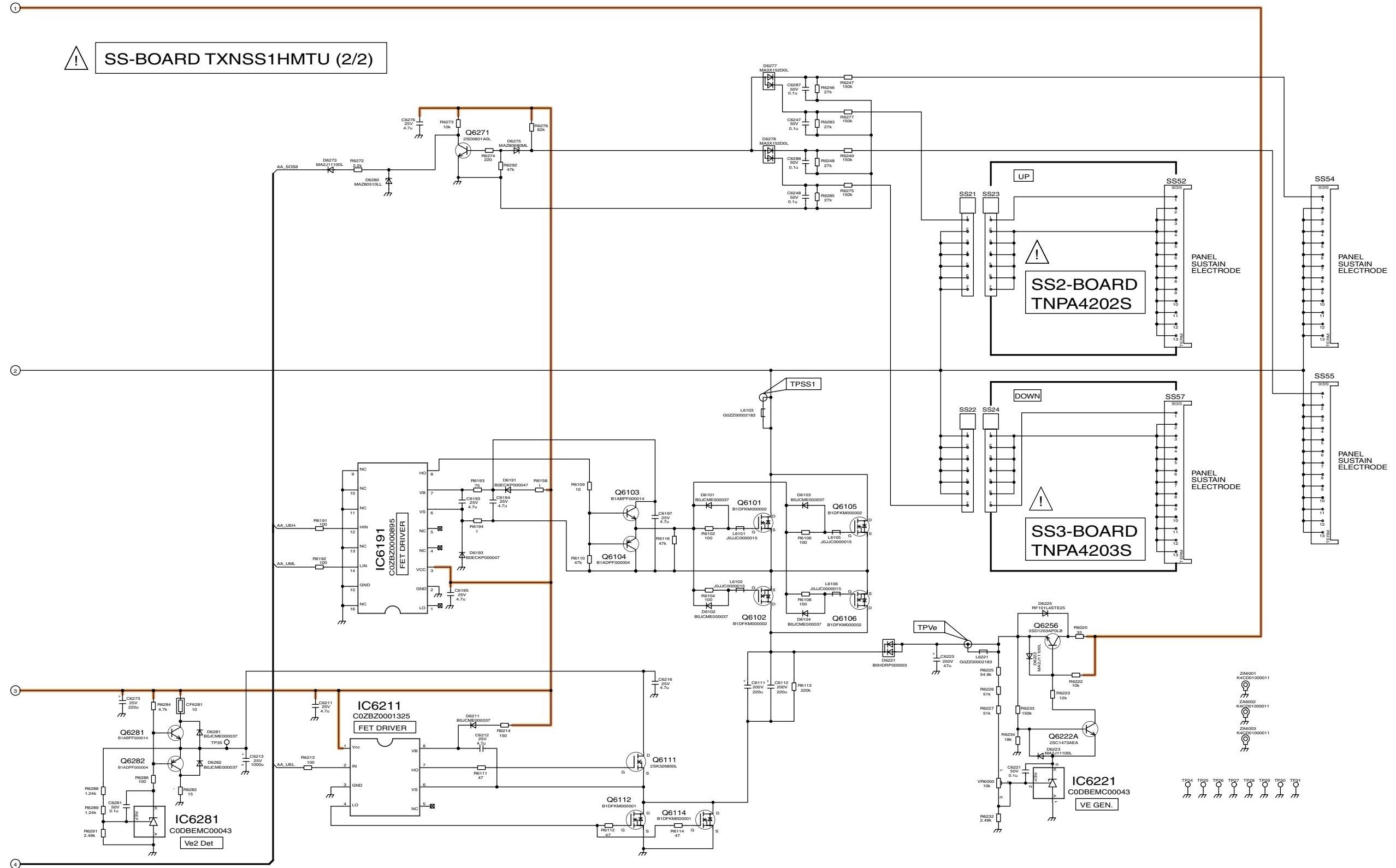
## 15.47. SS, SS2 and SS3-Board Block Diagram



## 15.48. SS-Board (1 of 2) Schematic Diagram



## 15.49. SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram



TH-50PX75U  
SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram

TH-50PX75U  
SS-Board (2 of 2), SS2 and SS3-Board Schematic Diagram

## NOTE

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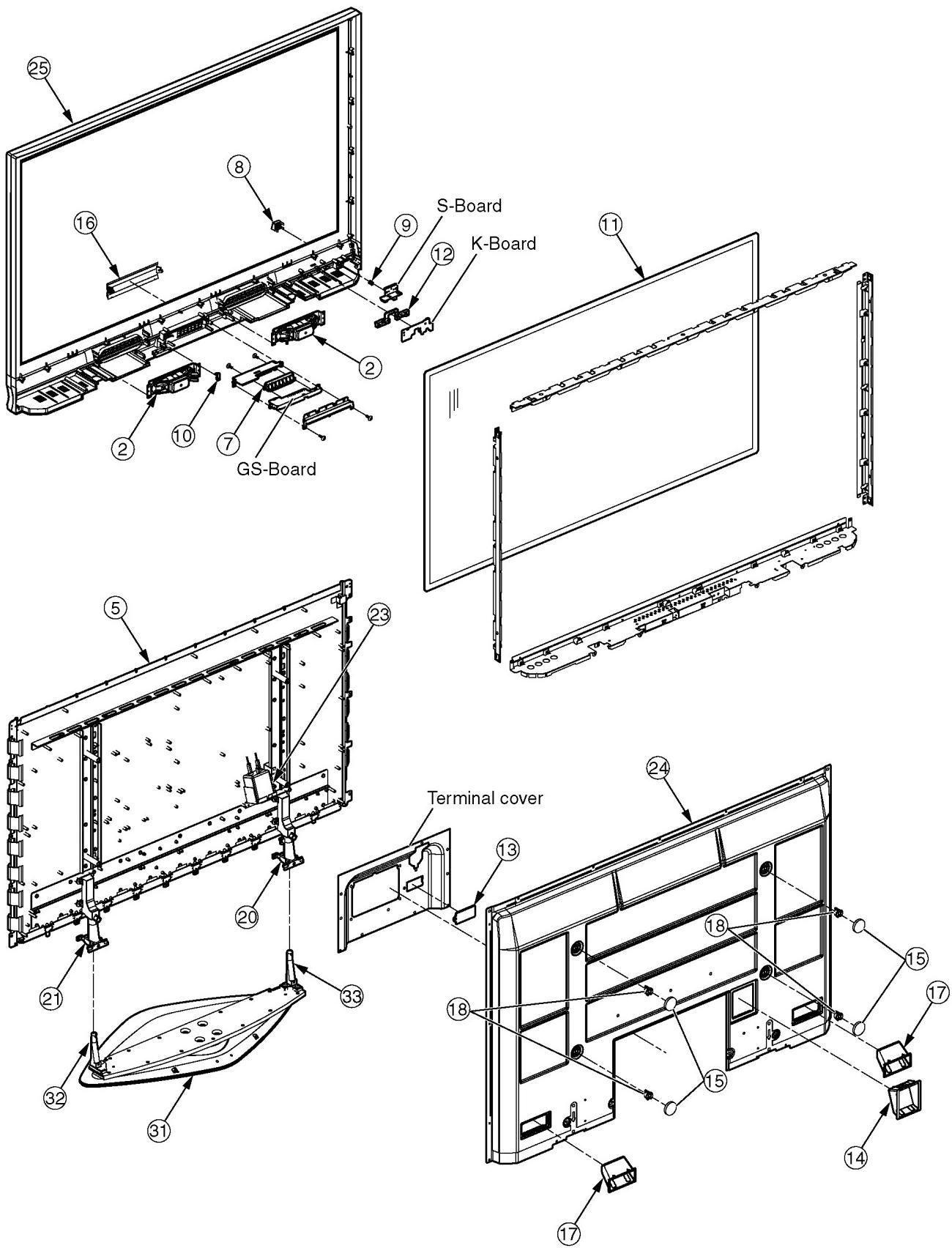
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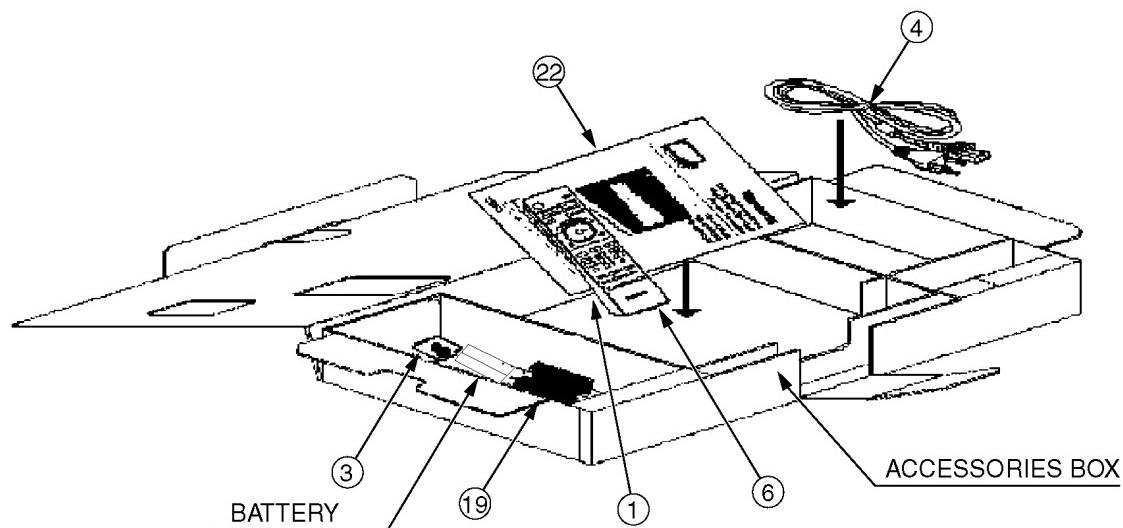
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# 16 Exploded Views & Replacement Parts List

## 16.1. Exploded Views



## 16.2. Packing Exploded Views (Accessories box)



## 16.3. Replacement Parts List Notes

### Important Safety Notice

*Components identified by  $\Delta$  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.*

#### RTL (Retention Time Limited)

**Note:** The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.

After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

#### 1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W

Type

Allowance

#### 2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V

Type

Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide Metal Film	J : $\pm 5\%$
S : Solid	K : $\pm 10\%$
W : Wire Wound	M : $\pm 20\%$

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester Polypropylene	F : $\pm 1\text{pF}$
T : Tantalum	G : $\pm 3\text{pF}$
	J : $\pm 5\text{pF}$
	K : $\pm 10\text{pF}$
	L : $\pm 15\text{pF}$
	M : $\pm 20\text{pF}$
	P : +100%, -0%
	Z : +80%, -20%

## 16.4. Mechanical Replacement Parts List (PDP TV)

### Note:

All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCA] are supplied by PAVCA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	10030-0035300	BATTERY COVER	1	PAVCA
2	EAS16S06A	SPEAKER (PED)	2	PAVCA
3	K1RGZBA00001	F TERMINAL (5C TYPE)	1	
4	K2CG3DH00025	AC CORD	1	▲
5	MD50H10A1J	PLASMA DISPLAY PANEL	1	▲
6	N2QAYB000103	REMOTE CONTROL	1	PAVCA
7	TBX2AA4001	CONTROL BUTTON	1	PAVCA
8	TBX2AA4012	POWER BUTTON	1	PAVCA
9	TES2AA0141	SPRING	1	PAVCA
10	TES2AA0161	LEAF SPRING	1	PAVCA
	THEL0429	SCREW	19	
	THEL047J	SCREW (HDMI : 2)	2	
	THTD011J	SCREW	3	
	THTF011N	SCREW	56	
11	TKGA5325S	FRONT GLASS	1	PAVCA
12	TKK2AA7601	PANEL LIGHT	1	PAVCA
13	TKK2AA7701	ADJUSTMENT COVER	1	PAVCA
14	TKP2AA1912	INLET COVER	1	PAVCA
15	TKP2AA1932	M8 SPACER CAP	4	PAVCA
16	TKP2AA2502	DOOR	1	PAVCA
	TKP2AA2702	BOTTOM COVER	1	PAVCA
	TKP2AA3102	SHEET HOLDER LEFT	1	PAVCA
	TKP2AA3202	SHEET HOLDER RIGHT	1	PAVCA
17	TKR2AA00161	REAR COVER HANDLE	2	PAVCA
	TMM16473-1	CLAMPER	1	
18	TMM2AE0581	M8 SPACER	4	PAVCA
	TMM2AX0061	BC HOOK LEFT	1	PAVCA
	TMM2AX0071	BC HOOK RIGHT	1	PAVCA
	TMM7468-1	CLAMPER	1	
	TMME061	CLAMPER	5	
	TMME084	CLAMPER	1	
	TMME226	AC CORD CLAMPER	1	
	TMME260	CLAMPER	12	
19	TMME289	CLAMPER	2	
20	TMZ2AX0161	STAND BRACKET L	1	PAVCA
21	TMZ2AX0171	STAND BRACKET R	1	PAVCA
	TPD169487	JOINT	4	
22	TQB2AA0751	INSTRUCTION BOOK (ENG/FRE/SPANISH)	1	PAVCA ▲
	TSXL519	CABLE (C10-C20)	1	
	TSXL554	CABLE (C22-C32)	1	
	TSXL562	CABLE (D31-C11)	1	
	TSXL604	CABLE (SC20-D20)	1	PAVCA
	TSXL600	CABLE (D32-C21)	1	PAVCA
23	TXAUX02HMTUO	INLET ASSY	1	PAVCA ▲
24	TXFKU05RSER	REAR COVER	1	PAVCA ▲
25	TXFKY01LNTU	CABINET ASSY	1	PAVCA ▲
	TXJAI2LPTU	SPEAKER LEAD (H12-SPL/SPR)	1	PAVCA
	TXJSWRLPTU	SPEAKER LEAD (SP-SPR)	1	PAVCA
	XTB4+12GFJ	SCREW	43	
	XTB4+12GFJK	SCREW	14	
	XTB4+16GFJ	SCREW	2	
	XTV3+10JFJK	SCREW	1	
	XTW3+10TFJ	SCREW	3	
	XYN3+F10FJ	SCREW	1	
	XYN3+F8FJ	SCREW	16	
	XYN3+J12FJ	SCREW	42	
	XYN3+J6FJ	SCREW	1	
	XYN4+E8FJ	SCREW	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	XYN4+F10FJ	SCREW	9	
	XYN4+F10FJK	SCREW	5	
	XYN4+F30FJK	SCREW	6	
	XYN5+C15FJ	SCREW	8	

## 16.5. Mechanical Replacement Parts List (Stand)

### Note:

All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCA] are supplied by PAVCA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
31	TBL2AX00171	STAND ASSY	1	PAVCA
32	TXFBL010ZCS	STAND POLE A ASSY	1	PAVCA
33	TXFBL020ZCS	STAND POLE B ASSY	1	PAVCA
	TXFBL02HNTD	SCREW ASSY	1	PAVCA
	TXFBL02LNTU	SUPPORT METAL ASSY	1	PAVCA

## 16.6. Electrical Replacement Parts List

### Note:

All parts except parts mentioned [PAVCA] in the Remarks column are supplied by PAVC-CSG.

Parts mentioned [PAVCA] are supplied by PAVCA.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F601.602	K5D103BMA001	TIME LAG FUSE HIGH	2	⚠
A1	K1KA07AA0150	7P CONNECTOR	1	
A5	K1KB31AA0140	31P CONNECTOR	1	
A6	K1KA12AA0191	12P CONNECTOR	1	
A7	K1KA11AA0191	11P CONNECTOR	1	
A12	K1KA04AA0192	4P CONNECTOR	1	
A17	K1KA14A00248	14P CONNECTOR	1	
A18	K1KA11AA0153	11P CONNECTOR	1	
A20	K1KA20AA0009	20P CONNECTOR	1	
A52	K1KA13A00152	13P CONNECTOR	1	
C10	K1MN20BA0231	20P CONNECTOR	1	
C11	K1MN55BA0076	55P CONNECTOR	1	
C20	K1MN20BA0231	20P CONNECTOR	1	
C21,22	K1MN68BA0076	68P CONNECTOR	2	
C32	K1MN68BA0076	68P CONNECTOR	1	
C33	K1KA10B00218	10P CONNECTOR	1	
C35	K1KA04BA0107	4P CONNECTOR	1	
C1102	F1J0J1060004	C 0.010UF, K, 16V	1	
C1103,04	F1G1A104A012	C 0.01UF, K, 10V	2	
C1105	F1H0J1050012	C 1UF, K, 16V	1	
C1106	F1H1H2700008	E 27UF, 50V	1	
C1107	F1H1H2200008	E 22UF, 50V	1	
C1108	F1G1A104A012	C 0.01UF, K, 10V	1	
C1109	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1111	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1112	F1G1A104A012	C 0.01UF, K, 10V	1	
C1114	F1G1A104A012	C 0.01UF, K, 10V	1	
C1117	F1G1A104A012	C 0.01UF, K, 10V	1	
C1122	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C1123	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C1193,94	F1J0J1060004	C 0.010UF, K, 16V	2	
C1197	F1G1H101A565	C 100PF, K, 50V	1	
C2023	F1G1C104A081	C 0.10UF, K, 16V	1	
C2048-50	F1G1C104A081	C 0.10UF, K, 16V	3	
C2052,53	F1G1C104A081	C 0.10UF, K, 16V	2	
C2054	F1J1A106A043	C 0.010UF, K, 16V	1	
C2055,56	ECJ0EC1H120J	C 120PF, K, 50V	2	
C2057,58	F1G1C104A081	C 0.10UF, K, 16V	2	
C2059	F2G0J470A019	E 47UF 6.3V	1	
C2100	F1G1C104A081	C 0.10UF, K, 16V	1	
C2101	F1J1A106A043	C 0.010UF, K, 16V	1	
C2102	F1G1C104A081	C 0.10UF, K, 16V	1	
C2103	EEEHB1C101UP	C 100PF, J, 16V	1	
C2105,06	F1G1C104A081	C 0.10UF, K, 16V	2	
C2107,08	F2G0J470A019	E 47UF 6.3V	2	
C2111	F1H0J2250008	C 2.2UF, K, 16V	1	
C2116	F1H1H471A792	E 470UF, 50V	1	
C2118	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2126	F1J1A106A043	C 0.010UF, K, 16V	1	
C2133	F2G0J470A019	E 47UF 6.3V	1	
C2134	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C2143	F1H1H181A792	E 180UF, 50V	1	
C2146	F1H1H181A792	E 180UF, 50V	1	
C2153	ECJ1VC1H330J	C 33PF, J, 50V	1	
C2170	ECJ1VC1H330J	C 33PF, J, 50V	1	
C2171	ECJ0EB1C103K	C 0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2173	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C2183	F1J1A106A043	C 0.010UF, K, 16V	1	
C2185	F1J1A106A043	C 0.010UF, K, 16V	1	
C2186	F1G1C104A081	C 0.10UF, K, 16V	1	
C2187	F1H0J2250008	C 2.2UF, K, 16V	1	
C2188	F1H1H471A792	E 470UF, 50V	1	
C2189	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C2190,91	F1J1A106A043	C 0.010UF, K, 16V	2	
C2192	F2G0J470A019	E 47UF 6.3V	1	
C2213	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2216	F1G1C104A081	C 0.10UF, K, 16V	1	
C2244	F1G1C104A081	C 0.10UF, K, 16V	1	
C2245	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2246	F1J1A106A043	C 0.010UF, K, 16V	1	
C2251	F1J1A106A043	C 0.010UF, K, 16V	1	
C2263,64	ECJ2FB1A475K	C 4.7UF, K, 10V	2	
C2267,68	ECJ1XC1H101J	C 100PF, J, 50V	2	
C2274	F1G1C104A081	C 0.10UF, K, 16V	1	
C2301,02	F1G1C104A081	C 0.10UF, K, 16V	2	
C2303	F1J1E105A171	E 1 UF 25V	1	
C2305	F1J1E105A171	E 1 UF 25V	1	
C2307	F1J1E105A171	E 1 UF 25V	1	
C2309	F1J1E105A171	E 1 UF 25V	1	
C2313	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2317	ECJ1VB1C333K	C 0.033UF, K, 16V	1	
C2319	ECJ1VB1C333K	C 0.033UF, K, 16V	1	
C2321	ECJ1VB1C333K	C 0.033UF, K, 16V	1	
C2323	ECJ1VB1C333K	C 0.033UF, K, 16V	1	
C2325	F1J1H474A757	C 0.47UF, 50V	1	
C2331	F1J1H474A757	C 0.47UF, 50V	1	
C2333	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2335	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2337	F1H1H223A219	E 0.022UF, 50V	1	
C2339	F1H1H223A219	E 0.022UF, 50V	1	
C2341	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2343	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2345	F1H1H223A219	E 0.022UF, 50V	1	
C2347	F1H1H223A219	E 0.022UF, 50V	1	
C2349	F1G1C104A081	C 0.10UF, K, 16V	1	
C2352	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C2353	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2355	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2357	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2359	ECJ1XB1H104K	C 10PF, J, 50V	1	
C2361	EEEFGL1E471P	E 470UF, 25V	1	
C2365	F1G1C104A081	C 0.10UF, K, 16V	1	
C2367	F1G1C104A081	C 0.10UF, K, 16V	1	
C2369	F1G1C104A081	C 0.10UF, K, 16V	1	
C2371	F1G1C104A081	C 0.10UF, K, 16V	1	
C2373	F1G1C104A081	C 0.10UF, K, 16V	1	
C2375	F1H1H223A219	E 0.022UF, 50V	1	
C2377	F1H1H223A219	E 0.022UF, 50V	1	
C2379	F1H1H223A219	E 0.022UF, 50V	1	
C2381	F1H1H223A219	E 0.022UF, 50V	1	
C2383	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2385	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2387	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2389	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C2512	ECJ3XB0J106M	C 10UF, M, 6.3V	1	
C2515	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C2521	ECJ1VB1H103K	C 0.001UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3001	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3003	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3005	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C3006	F1G1C104A081	C 0.10UF, K, 16V	1	
C3007	F2G1A101A019	E 1000UF, 10V	1	
C3020	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3025	F1G1C104A081	C 0.10UF, K, 16V	1	
C3032	EEEHB1C220R	C 22PF, J, 16V	1	
C3033	EEEHB1A221P	C 220PF, J, 10V	1	
C3045	F1G1C104A081	C 0.10UF, K, 16V	1	
C3069	F1G1C104A081	C 0.10UF, K, 16V	1	
C3071	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3073	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3075	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3077	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3079	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3081	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3086	EEEHB1C100R	C 10PF, J, 16V	1	
C3087	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3095	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3097	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3099	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C3103,04	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C3105	F1G1C104A081	C 0.10UF, K, 16V	1	
C3106-17	ECJ1VB1A105K	C 0.01UF, Z, 50V	12	
C3123,24	F1K1A106A021	C 0.010UF, K, 6.3V	2	PAVCA
C3132,33	F1H0J2250008	C 2.2UF, K, 16V	2	
C3138	EEEHB1C220R	C 22PF, J, 16V	1	
C3145	F2G1A101A019	E 1000UF, 10V	1	
C3146	F1G1C104A081	C 0.10UF, K, 16V	1	
C3153	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C3157	F1G1C104A081	C 0.10UF, K, 16V	1	
C3502	F2A1C471A256	E 4700UF, 16V	1	PAVCA
C3503	F1G1C104A081	C 0.10UF, K, 16V	1	
C3504	F2A1C471A256	E 4700UF, 16V	1	PAVCA
C3505	F1G1C104A081	C 0.10UF, K, 16V	1	
C3513,14	F1G1C104A081	C 0.10UF, K, 16V	2	
C3515	F2A1H331A257	E 3300UF, 50V	1	
C3516	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C3530	EEEFG1E471P	E 4700UF, 25V	1	
C3750	F1J1H102A721	E 1000UF, 50V	1	PAVCA
C4075	F1G1C104A081	C 0.10UF, K, 16V	1	
C4500-03	F1G1C104A081	C 0.10UF, K, 16V	4	
C4506,07	F1G1C104A081	C 0.10UF, K, 16V	2	
C4508,09	EEEHB0J330R	C 33PF, J, 6.3V	2	
C4510,11	F1G1C104A081	C 0.10UF, K, 16V	2	
C4515	F1G1C104A081	C 0.10UF, K, 16V	1	
C4527	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4528	F1G1C104A081	C 0.10UF, K, 16V	1	
C4531	F1G1C104A081	C 0.10UF, K, 16V	1	
C4533	F1G1H680A565	E 68UF, 50V	1	
C4534,35	F1G1C104A081	C 0.10UF, K, 16V	2	
C4538	F2G0J470A019	E 47UF 6.3V	1	
C4539	F1J1A106A043	C 0.010UF, K, 16V	1	
C4541	F1H1H471A219	E 4700UF, 50V	1	
C4543-45	F1G1C104A081	C 0.10UF, K, 16V	3	
C4546	F1H0J2250008	C 2.2UF, K, 16V	1	
C4547	F1G1C104A081	C 0.10UF, K, 16V	1	
C4548,49	ECJ1XB1H104K	C 10PF, J, 50V	2	
C4550,51	F1G1C104A081	C 0.10UF, K, 16V	2	
C4552	ECJ1XB1H104K	C 10PF, J, 50V	1	
C4553	F1G1H1020008	E 1000UF, 50V	1	
C4555,56	F1J1A106A043	C 0.010UF, K, 16V	2	
C4557	F1G1C104A081	C 0.10UF, K, 16V	1	
C4559,60	F1G1C104A081	C 0.10UF, K, 16V	2	
C4562	F1H1H822A219	E 8200UF, 50V	1	
C4563	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4564,65	F1G1E1030005	C 0.01UF, Z, 25V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C4566	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C4568	F1G1C104A081	C 0.10UF, K, 16V	1	
C4569	F1J1C684A097	C 0.68UF, Z, 16V	1	
C4570	F2G0J470A019	E 47UF 6.3V	1	
C4572,73	F1G1C104A081	C 0.10UF, K, 16V	2	
C4574	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4575	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4576	EEEHB1C220R	C 22PF, J, 16V	1	
C4577,78	F1G1C104A081	C 0.10UF, K, 16V	2	
C4580	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4581	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4582,83	F1G1C104A081	C 0.10UF, K, 16V	2	
C4584,85	ECJ1VB1A105K	C 0.01UF, Z, 50V	2	
C4586	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4587	F1G1C104A081	C 0.10UF, K, 16V	1	
C4588	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C4589	F1G1H150A565	E 15UF, 50V	1	
C4590	F1G1H180A565	E 18UF, 50V	1	
C4593	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4595	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4596	F1G1C104A081	C 0.10UF, K, 16V	1	
C4598	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4600,01	F1G1E1030005	C 0.01UF, Z, 25V	2	
C4602	F1G1C104A081	C 0.10UF, K, 16V	1	
C4604	F1H0J2250008	C 2.2UF, K, 16V	1	
C4605	F1G1C104A081	C 0.10UF, K, 16V	1	
C4607	F2G0J470A019	E 47UF 6.3V	1	
C4609	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4611	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4612	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4613	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4614	F1G1C104A081	C 0.10UF, K, 16V	1	
C4615	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4616,17	F1G1C104A081	C 0.10UF, K, 16V	2	
C4618	F1G1E1030005	C 0.01UF, Z, 25V	1	
C4619	F1G1C104A081	C 0.10UF, K, 16V	1	
C4620	ECJ1VB1A105K	C 0.01UF, Z, 50V	1	
C4623-25	F1G1C104A081	C 0.10UF, K, 16V	3	
C4630	F1G1C104A081	C 0.10UF, K, 16V	1	
C4701	F1G1H1020008	E 1000UF, 50V	1	
C4702	F1G1A104A012	C 0.01UF, K, 10V	1	
C4703	F1G1H1020008	E 1000UF, 50V	1	
C4704,05	F1G1A104A012	C 0.01UF, K, 10V	2	
C4711,12	F1G1A104A012	C 0.01UF, K, 10V	2	
C4713,14	F1G1H1020008	E 1000UF, 50V	2	
C4715	F1G1A104A012	C 0.01UF, K, 10V	1	
C4716-19	F1G1H1020008	E 1000UF, 50V	4	
C4721	F1G1A104A012	C 0.01UF, K, 10V	1	
C4722-24	F1G1H1020008	E 1000UF, 50V	3	
C4741	F1G1H1020008	E 1000UF, 50V	1	
C4742	F1G1A104A012	C 0.01UF, K, 10V	1	
C4743	F1G1H1020008	E 1000UF, 50V	1	
C4744,45	F1G1A104A012	C 0.01UF, K, 10V	2	
C4746	F1G1H1020008	E 1000UF, 50V	1	
C4751-55	F1G1A104A012	C 0.01UF, K, 10V	5	
C4761-63	ECJ1VB1H103K	C 0.001UF, K, 50V	3	
C4771	F1G1H1020008	E 1000UF, 50V	1	
C4772	F1G1A104A012	C 0.01UF, K, 10V	1	
C4773	F1G1H1020008	E 1000UF, 50V	1	
C4774,75	F1G1A104A012	C 0.01UF, K, 10V	2	
C4776	F1G1H1020008	E 1000UF, 50V	1	
C4777-80	F1G1A104A012	C 0.01UF, K, 10V	4	
C4795-98	F1G1H1020008	E 1000UF, 50V	4	
C5600	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5601	F1G1C104A081	C 0.10UF, K, 16V	1	
C5602	ECGRLOG680ER	C 68PF, J, 4V	1	
C5603,04	F1G1E1030005	C 0.01UF, Z, 25V	2	
C5605	F1J1A475A039	C 4.7UF, K, 10V	1	
C5606	F1H1H471A219	E 470UF, 50V	1	
C5607	F1G1H221A459	E 220UF, 50V	1	
C5608	F1G1C104A081	C 0.10UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C5609,10	EEEHB1C470P	C 47PF, J, 16V	2	
C5613	F1H0J1050012	C 1UF, K, 16V	1	
C5614	F1GIC104A081	C 0.10UF, K, 16V	1	
C5615	F1J1A106A043	C 0.010UF, K, 16V	1	
C5616	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C5617	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5618,19	F1J1A106A043	C 0.010UF, K, 16V	2	
C5620	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C5621	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5622	F1J1A475A039	C 4.7UF, K, 10V	1	
C5623	ECJ0EB1H471K	C 470PF, K, 50V	1	
C5624	F1G1H221A459	E 220UF, 50V	1	
C5625	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5626,27	F1G1C104A081	C 0.10UF, K, 16V	2	
C5628,29	ECGRL0G680ER	C 68PF, J, 4V	2	
C5630,31	EEEHB1C470P	C 47PF, J, 16V	2	
C5632	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C5636-41	F1G1C104A081	C 0.10UF, K, 16V	6	
C5643,44	F1G1C104A081	C 0.10UF, K, 16V	2	
C5646	F1H0J1050012	C 1UF, K, 16V	1	
C5647	EEEHB0G101R	C 100PF, J, 4V	1	
C5648	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C5649,50	F1H0J1050012	C 1UF, K, 16V	2	
C5652	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C5654	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C5655	EEEHB1V220P	E 22UF, 35V	1	
C5656	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C5657	F1H1A225A051	E 22UF, 50V	1	
C5658	F1G1E1030005	C 0.01UF, Z, 25V	1	
C5660	ECJ3XB1C106M	C 1.0UF, K, 16V	1	
C5661,62	F1J1H474A757	C 0.47UF, 50V	2	
C5765	ECJ0EB1A473K	C 0.047UF, K, 10V	1	
C5766,67	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
C6001	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6011-16	F2A2T201A002	E 200UF,	6	
C6023	F1L2J562A022	C 5600UF, K, 6.3V	1	
C6031	FOC2E405A176	E 0.040UF, 250V	1	
C6037	F1L1E4750004	C 4.7UF, 25V	1	
C6111,12	F2A2D221A022	E 220UF, 200V	2	
C6132	F1L1E4750004	C 4.7UF, 25V	1	
C6134,35	F1L1E4750004	C 4.7UF, 25V	2	
C6151	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6152-54	F1L1E4750004	C 4.7UF, 25V	3	
C6193-95	F1L1E4750004	C 4.7UF, 25V	3	
C6197	F1L1E4750004	C 4.7UF, 25V	1	
C6201-04	FOC2E405A176	E 0.040UF, 250V	4	
C6211,12	F1L1E4750004	C 4.7UF, 25V	2	
C6213	F2A1E102A220	E 1000UF, 25V	1	
C6216	F1L1E4750004	C 4.7UF, 25V	1	
C6221	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6223	F2A2E470A022	E 47UF, 250V	1	
C6241	F2A1A101A439	E 100UF, 10V	1	
C6242	F1H1C105A072	C 1UF, K, 16V	1	
C6243	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C6247,48	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6251	F1H1C105A072	C 1UF, K, 16V	1	
C6252	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6261,62	F2A2A471A072	E 470UF, 100V	2	
C6272,73	F2A1E221A487	E 220UF, 25V	2	
C6276	F1L1E4750004	C 4.7UF, 25V	1	
C6281	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6287,88	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6402-04	F1L2J222A022	C 2200UF, K, 6.3V	3	
C6411-16	F2A2T201A002	E 200UF,	6	
C6421-24	F1L2J222A022	C 2200UF, K, 6.3V	4	
C6431	FOC2E405A176	E 0.040UF, 250V	1	
C6471	F1L2J1020001	C 1000UF, K, 6.3V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6472	ECJ2XC1H101J	C 100PF, J, 50V	1	
C6480	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6481,82	F1L1E4750004	C 4.7UF, 25V	2	
C6485	F1L1E4750004	C 4.7UF, 25V	1	
C6491	F1L2J1020001	C 1000UF, K, 6.3V	1	
C6499	F1H1C105A072	C 1UF, K, 16V	1	
C6500	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6502	F1L1E4750004	C 4.7UF, 25V	1	
C6504,05	F1L1E4750004	C 4.7UF, 25V	2	
C6521	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6522	F1L1E4750004	C 4.7UF, 25V	1	
C6524,25	F1L1E4750004	C 4.7UF, 25V	2	
C6527	F1L1E4750004	C 4.7UF, 25V	1	
C6531-34	FOC2E405A176	E 0.040UF, 250V	4	
C6561	F2A1A101A439	E 100UF, 10V	1	
C6562	F1H1C105A072	C 1UF, K, 16V	1	
C6563	F2A1A101A439	E 100UF, 10V	1	
C6564	F1H1C105A072	C 1UF, K, 16V	1	
C6565,66	ECJ2VB1H103K	C 0.01UF, K, 50V	2	
C6571,72	F1L2J1020001	C 1000UF, K, 6.3V	2	
C6579	F2A2T201A002	E 200UF,	1	
C6581	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6582	F1H1C105A072	C 1UF, K, 16V	1	
C6592	F2A1E221A487	E 220UF, 25V	1	
C6593	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6594	F2A1E221A487	E 220UF, 25V	1	
C6603,04	F1K2J102A014	C 1000UF, K, 6.3V	2	
C6605,06	F1L2J472A022	C 4700UF, K, 6.3V	2	
C6620,21	ECRD3A392KBP	C 3900PF, K, 1KV	2	
C6641	ECQE2105RKB	P 1UF, 250V	1	
C6661,62	F1K2J102A014	C 1000UF, K, 6.3V	2	
C6671	F1L1E4750004	C 4.7UF, 25V	1	
C6692	ECA2CM101	E 100UF, 160V	1	
C6694	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6695	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6702-06	ECJ2XB1H104K	C 0.1UF, K, 50V	5	
C6708	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6721	F2A1H101A493	E 100UF, 50V	1	
C6722	ECJ2XC1H101J	C 100PF, J, 50V	1	
C6723-25	F1L1E4750004	C 4.7UF, 25V	3	
C6726,27	F1H1C105A072	C 1UF, K, 16V	2	
C6752	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6753	F1L1E4750004	C 4.7UF, 25V	1	
C6755,56	F1L1E4750004	C 4.7UF, 25V	2	
C6771	F1H1C105A072	C 1UF, K, 16V	1	
C6772,73	F1L1E4750004	C 4.7UF, 25V	2	
C6775	F1L1E4750004	C 4.7UF, 25V	1	
C6776,77	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6791	F2A1E221A487	E 220UF, 25V	1	
C6795,96	F2A1E221A487	E 220UF, 25V	2	
C6802	ECQE6223KF	P 0.022UF, K, 400V	1	
C6803	ECKD3D221KBP	C 220PF, K, 2KV	1	
C6804	F2A2E100A022	E 10UF, 250V	1	
C6805	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6806	ECA2CM101	E 100UF, 160V	1	
C6807	ECJ2XC1H471J	C 470PF, J, 50V	1	
C6811	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C6812	F1L1E4750004	C 4.7UF, 25V	1	
C6813	ECA2CM101	E 100UF, 160V	1	
C6814	F2A1E221A487	E 220UF, 25V	1	
C6815	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6822	F2A2G470A018	E 470UF, 400V	1	
C6823	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C6832	ECJ2XB1H392K	C 3900PF, K, 50V	1	
C6841	ECA2DHG101	E 100UF, 200V	1	
C6842	ECA2CM101	E 100UF, 160V	1	
C6845	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6861	F1H1C105A072	C 1UF, K, 16V	1	
C6862	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6863	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C6871	F1H1C105A072	C 1UF, K, 16V	1	
C6872	ECJ3YB1E105K	C 1UF, K, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6873	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C6884	ECJ2VB1H103K	C 0.01UF, K, 50V	1	
C6901	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6902	TCUY1C105ZFN	C 1UF, 16V	1	
C6904	TCUY1C105ZFN	C 1UF, 16V	1	
C6906	TCUY1C105ZFN	C 1UF, 16V	1	
C6908	TCUY1C105ZFN	C 1UF, 16V	1	
C6910	TCUY1C105ZFN	C 1UF, 16V	1	
C6912	TCUY1C105ZFN	C 1UF, 16V	1	
C6923,24	F1L2E1040002	E 1000UF, 25V	2	
C6929,30	F1L2E1040002	E 1000UF, 25V	2	
C6931	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6932,33	F1L2E1040002	E 1000UF, 25V	2	
C6936,37	ECJ2VB1H221K	C 220PF, K, 50V	2	
C6951	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6952	TCUY1C105ZFN	C 1UF, 16V	1	
C6955	TCUY1C105ZFN	C 1UF, 16V	1	
C6957,58	TCUY1C105ZFN	C 1UF, 16V	2	
C6961	TCUY1C105ZFN	C 1UF, 16V	1	
C6963	TCUY1C105ZFN	C 1UF, 16V	1	
C6974,75	F1L2E1040002	E 1000UF, 25V	2	
C6981	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6982-85	F1L2E1040002	E 1000UF, 25V	4	
C6986,87	ECJ2VB1H221K	C 220PF, K, 50V	2	
C7103	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7105	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7106-08	ECJ1XC1H101J	C 100PF, J, 50V	3	
C7110,11	F1H1C105A072	C 1UF, K, 16V	2	
C7114,15	F1H1C105A072	C 1UF, K, 16V	2	
C7117-22	F1K2A474A006	C 0.47UF, 100V	6	
C7124,25	F1H1C105A072	C 1UF, K, 16V	2	
C7127,28	F1K2A474A006	C 0.47UF, 100V	2	
C7130,31	F1H1C105A072	C 1UF, K, 16V	2	
C7133	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7134,35	F1K2A474A006	C 0.47UF, 100V	2	
C7137,38	F1H1C105A072	C 1UF, K, 16V	2	
C7140	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7141	F1H1C105A072	C 1UF, K, 16V	1	
C7201	F1H1C105A072	C 1UF, K, 16V	1	
C7203	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7206	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7209,10	F1K2A474A006	C 0.47UF, 100V	2	
C7212,13	F1H1C105A072	C 1UF, K, 16V	2	
C7215-17	ECJ1XC1H101J	C 100PF, J, 50V	3	
C7219,20	F1H1C105A072	C 1UF, K, 16V	2	
C7222-25	F1K2A474A006	C 0.47UF, 100V	4	
C7227,28	F1H1C105A072	C 1UF, K, 16V	2	
C7230	F1H1C105A072	C 1UF, K, 16V	1	
C7231	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7301	F1K2A474A006	C 0.47UF, 100V	1	
C7305,06	F1K2A474A006	C 0.47UF, 100V	2	
C7308,09	F1H1C105A072	C 1UF, K, 16V	2	
C7311	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7312,13	F1K2A474A006	C 0.47UF, 100V	2	
C7315,16	F1H1C105A072	C 1UF, K, 16V	2	
C7318	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7319,20	F1K2A474A006	C 0.47UF, 100V	2	
C7322,23	F1H1C105A072	C 1UF, K, 16V	2	
C7325	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7326	F1H1C105A072	C 1UF, K, 16V	1	
C7328	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7330	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7332	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7334	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7701	ECJ1VC1H330J	C 33PF, J, 50V	1	
C7702	EEEHB0G101R	C 100PF, J, 4V	1	
C7703	ECJ1VC1H330J	C 33PF, J, 50V	1	
C7705	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C7708,09	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C7726,27	ECJ1VC1H330J	C 33PF, J, 50V	2	
C7729,30	F1J0J106A020	C 0.010UF, K, 16V	2	
C8001	F1G1A104A012	C 0.01UF, K, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8002-05	ECJ1VB0J105K	C 1UF, K, 6.3V	4	
C8006-08	F1G1A104A012	C 0.01UF, K, 10V	3	
C8009,10	F1J1A106A043	C 0.010UF, K, 16V	2	
C8011-14	F1G1A104A012	C 0.01UF, K, 10V	4	
C8015,16	ECJ1VB0J105K	C 1UF, K, 6.3V	2	
C8017	F1J1A106A043	C 0.010UF, K, 16V	1	
C8018-21	F1G1A104A012	C 0.01UF, K, 10V	4	
C8022	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
C8023,24	F1J1A106A043	C 0.010UF, K, 16V	2	
C8025-29	F1G1A104A012	C 0.01UF, K, 10V	5	
C8030,31	ECJ1VB0J105K	C 1UF, K, 6.3V	2	
C8032	F1J1A106A043	C 0.010UF, K, 16V	1	
C8033,34	F1G1A104A012	C 0.01UF, K, 10V	2	
C8035,36	F1J1A106A043	C 0.010UF, K, 16V	2	
C8037-41	F1G1A104A012	C 0.01UF, K, 10V	5	
C8042	ECGRLOG680ER	C 68PF, J, 4V	1	
C8043-51	F1G1A104A012	C 0.01UF, K, 10V	9	
C8052	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
C8053	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C8056,57	F1G1A104A012	C 0.01UF, K, 10V	2	
C8058	F1J1A106A043	C 0.010UF, K, 16V	1	
C8067	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C8068	F1G1A104A012	C 0.01UF, K, 10V	1	
C8070-74	F1G1A104A012	C 0.01UF, K, 10V	5	
C8075	F1J0G2260001	C 0.001UF, 6.3V	1	PAVCA
C8076-80	F1G1C104A081	C 0.10UF, K, 16V	5	
C8300	F1G1A104A012	C 0.01UF, K, 10V	1	
C8301	F1G1H1020008	E 1000UF, 50V	1	
C8302	F1G1A104A012	C 0.01UF, K, 10V	1	
C8303	F1G1H103A573	E 0.01UF, 50V	1	PAVCA
C8304,05	F1G1H820A565	E 82UF, 50V	2	
C8306	F1G1H100A565	C 100PF, K, 50V	1	
C8307	F1G1A104A012	C 0.01UF, K, 10V	1	
C8309,10	EEEHB0J221UP	C 220PF, J, 6.3V	2	
C8311	F2G1V220A020	E 22UF, 35V	1	
C8312	EEEHB0J221UP	C 220PF, J, 6.3V	1	
C8313	F1G1H1020008	E 1000UF, 50V	1	
C8320,21	F1G1H1020008	E 1000UF, 50V	2	
C8324	F1G1H270A565	E 27UF, 50V	1	PAVCA
C8327,28	F1G1H120A565	E 12UF, 50V	2	
C8329	F1G1H270A565	E 27UF, 50V	1	PAVCA
C8330,31	F1G1H101A565	C 100PF, K, 50V	2	
C8333,34	F1G1H470A565	E 47UF, 50V	2	
C8335,36	ECJ0EB1C103K	C 0.010UF, K, 16V	2	
C8337,38	F1G1H150A565	E 15UF, 50V	2	
C8339-42	F1G1A104A012	C 0.01UF, K, 10V	4	
C8344-49	F1G1A104A012	C 0.01UF, K, 10V	6	
C8350	F1J1A106A043	C 0.010UF, K, 16V	1	
C8351-57	F1G1A104A012	C 0.01UF, K, 10V	7	
C8359-61	F1G1A104A012	C 0.01UF, K, 10V	3	
C8363-65	F1G1A104A012	C 0.01UF, K, 10V	3	
C8367-71	F1G1A104A012	C 0.01UF, K, 10V	5	
C8372	ECJ1VB0J105K	C 1UF, K, 6.3V	1	
C8374-76	F1J1A106A043	C 0.010UF, K, 16V	3	
C8377-85	F1G1A104A012	C 0.01UF, K, 10V	9	
C8386	F1J1A106A043	C 0.010UF, K, 16V	1	
C8387	F1G1H1020008	E 1000UF, 50V	1	
C8388	ECJ1XB1H104K	C 10PF, J, 50V	1	
C8394	F1G1A104A012	C 0.01UF, K, 10V	1	
C8396	F1J1A106A043	C 0.010UF, K, 16V	1	
C8397	F1G1A104A012	C 0.01UF, K, 10V	1	
C8500,01	F1G1A104A012	C 0.01UF, K, 10V	2	
C8506	F1G1A104A012	C 0.01UF, K, 10V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8513	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C8517	F1G1A104A012	C 0.01UF, K, 10V	1	
C8519	ECJ0EB1C103K	C 0.010UF, K, 16V	1	
C9028,29	F1J1A106A043	C 0.010UF, K, 16V	2	
C9033,34	F1G1C104A083	C 0.10UF, K, 16V	2	
C9035,36	F1J1A106A043	C 0.010UF, K, 16V	2	
C9037	F1G1E1030005	C 0.01UF, Z, 25V	1	
C9039	F1J1A106A043	C 0.010UF, K, 16V	1	
C9040	F1G1C104A083	C 0.10UF, K, 16V	1	
C9044	ECJ2YB0J475K	C 3.3UF, Z, 4.7V	1	
C9045-53	F1G1C104A083	C 0.10UF, K, 16V	9	
C9055-57	F1G1C104A083	C 0.10UF, K, 16V	3	
C9058	F1J1A106A043	C 0.010UF, K, 16V	1	
C9061	F1G1C104A077	C 0.10UF, K, 16V	1	
C9062	ECJ2YB0J475K	C 3.3UF, Z, 4.7V	1	
C9063	F1G1C104A083	C 0.10UF, K, 16V	1	
C9468	F1G1E1030005	C 0.01UF, Z, 25V	1	
C9469	F1G1C104A083	C 0.10UF, K, 16V	1	
C9500	F1G1C104A077	C 0.10UF, K, 16V	1	
C9505	F1G1C104A077	C 0.10UF, K, 16V	1	
C9508	F1G1C104A077	C 0.10UF, K, 16V	1	
C9509,10	F1G1H120A565	E 12UF, 50V	2	
C9511	F1J1A106A043	C 0.010UF, K, 16V	1	
C9516-25	F1G1C104A077	C 0.10UF, K, 16V	10	
C9526	F1J1A106A043	C 0.010UF, K, 16V	1	
C9527,28	F1G1C104A077	C 0.10UF, K, 16V	2	
C9531	F1J1A106A043	C 0.010UF, K, 16V	1	
C9559-64	F1G1C104A077	C 0.10UF, K, 16V	6	
C9823	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9825	F1G1H101A565	C 100PF, K, 50V	1	
C9832	F1J1A106A043	C 0.010UF, K, 16V	1	
C9837	F1J1A106A043	C 0.010UF, K, 16V	1	
C9838	F1G1C104A083	C 0.10UF, K, 16V	1	
C9840	F1G1E1030005	C 0.01UF, Z, 25V	1	
C9841-43	F1G1C104A083	C 0.10UF, K, 16V	3	
C9844	F1G1E1030005	C 0.01UF, Z, 25V	1	
C9845,46	F1G1C104A083	C 0.10UF, K, 16V	2	
C9858	ECJ3YB1E106M	C 10 UF, K, 25V	1	
C9859	F1G1E1030005	C 0.01UF, Z, 25V	1	
C9860	ECJ2YB0J475K	C 3.3UF, Z, 4.7V	1	
C9861,62	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9863	ECJ2YB0J475K	C 3.3UF, Z, 4.7V	1	
C9864	ECJ1VB1E104K	C 0.10UF, K, 25V	1	
C9865,66	ECGRL0G680ER	C 68PF, J, 4V	2	
C9867-72	ECJ3YB1E106M	C 10 UF, K, 25V	6	
C9873	ECGRL0G680ER	C 68PF, J, 4V	1	
C9874	F1G1H680A565	E 68UF, 50V	1	
C9877	F1G1H680A565	E 68UF, 50V	1	
C9878	F1G1E1030005	C 0.01UF, Z, 25V	1	
C9879,80	F1G1E822A086	C 8200UF, Z, 25V	2	
C9881	F1G1E1030005	C 0.01UF, Z, 25V	1	
C9882	F1G1E822A086	C 8200UF, Z, 25V	1	
C9883	F1G1H101A565	C 100PF, K, 50V	1	
C9884,85	F1G1H1020008	E 1000UF, 50V	2	
C9886,87	ECJ1VB1E104K	C 0.10UF, K, 25V	2	
C9888	F1G1H361A565	E 360UF, 50V	1	
C9900-25	F1G1C104A077	C 0.10UF, K, 16V	26	
C9927-51	F1G1C104A077	C 0.10UF, K, 16V	25	
C9955-59	F1G1C104A077	C 0.10UF, K, 16V	5	
C9960-64	F1J1A106A043	C 0.010UF, K, 16V	5	
C9966,67	F1G1C104A077	C 0.10UF, K, 16V	2	
CB1-11	K1MN68BA0052	68P CONNECTOR	11	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
CF6281	D4DA9100001	THERMISTOR	1	
D5	K1KB31BA0064	31P CONNECTOR	1	
D6	K1KA21A00011	21P CONNECTOR	1	
D9	K1KA07A00292	7P CONNECTOR	1	
D20	K1KY30BA0090	30P CONNECTOR	1	
D25	K1KA13B00069	13P CONNECTOR	1	
D31	K1MN55BA0257	55P CONNECTOR	1	
D32	K1MN68BA0251	68P CONNECTOR	1	
D1107	MA704A	DIODE	1	
D1111-13	MA2J11100L	DIODE	3	
D1120	MA2J72800L	ZENER DIODE	1	
D2059	MA2J11100L	DIODE	1	
D2062-64	MA2J11100L	DIODE	3	
D2066	MA2J11100L	DIODE	1	
D2301,02	MA2J11100L	DIODE	2	
D2303	MA3056H	ZENER DIODE	1	
D2304	MA2J11100L	DIODE	1	
D2512	MA8043LTX	ZENER DIODE	1	
D2520A	LN1271RAL-TR	LED	1	
D2524	MAZ80560ML	ZENER DIODE	1	
D3005	K7AAAY000003	PHOTO LINK	1	
D3047-52	MA8140M	ZENER DIODE	6	
D3060-80	MA8140M	ZENER DIODE	21	
D3500	B0BC01000035	ZENER DIODE	1	PAVCA
D3502	MA2J11100L	DIODE	1	
D3503,04	MA3X152A0L	DIODE	2	
D3505	MA8120M	ZENER DIODE	1	
D3506	MAZ80680LL	ZENER DIODE	1	
D3507	MA2J11100L	DIODE	1	
D3514	B0BC6R600005	ZENER DIODE	1	
D3515	B0BC01100001	ZENER DIODE	1	
D4500-12	EZAEG2A50AX	DIODE	13	
D4513	MA3056MTX	ZENER DIODE	1	
D4514	EZAEG2A50AX	DIODE	1	
D4515	MA3056MTX	ZENER DIODE	1	
D4516-23	EZAEG2A50AX	DIODE	8	
D4524-27	B0HCMM000014	DIODE	4	
D4528	EZAEG2A50AX	DIODE	1	
D4532	B0HCMM000014	DIODE	1	
D5024,25	MA2J11100L	DIODE	2	
D5601,02	MA22D3900L	DIODE	2	
D5603,04	B0JCDD000002	DIODE	2	
D5605	MA22D3900L	DIODE	1	
D5606	B0JCDD000002	DIODE	1	
D5607,08	MA8024LTX	ZENER DIODE	2	
D5609	B0HCMM000014	DIODE	1	
D5610	MA3X78900L	ZENER DIODE	1	
D5611	B0BC03900015	ZENER DIODE	1	
D5612	MA8056LTX	ZENER DIODE	1	
D6001	B0HBSN000008	DIODE	1	
D6021	MA3DF30000LZ	ZENER DIODE	1	
D6024,25	B0ECKP000047	DIODE	2	
D6032	MA2J11100L	DIODE	1	
D6061,62	B0HBSN000008	DIODE	2	
D6071,72	B0HBSN000008	DIODE	2	
D6081,82	MA3DF30000LZ	ZENER DIODE	2	
D6091	B0HBSN000008	DIODE	1	
D6092	B0ECKP000047	DIODE	1	
D6101-04	B0JCME000037	DIODE	4	
D6131,32	B0ECKP000047	DIODE	2	
D6151-53	B0ECKP000047	DIODE	3	
D6191	B0ECKP000047	DIODE	1	
D6193	B0ECKP000047	DIODE	1	
D6211	B0JCME000037	DIODE	1	
D6221	B0HDRP000003	DIODE	1	
D6222,23	MA2J11100L	DIODE	2	
D6225	B0ECKP000047	DIODE	1	
D6253	LNJ301MPUJA	LED	1	
D6255	MA2J11100L	DIODE	1	
D6273	MA2J11100L	DIODE	1	
D6275	MA8068M	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6277, 78	MA3X152A0L	DIODE	2	
D6280	MAZ80510LL	ZENER DIODE	1	
D6281, 82	B0JCME000037	DIODE	2	
D6401, 02	B0HBSN000008	DIODE	2	
D6422	MA3DF40000LZ	ZENER DIODE	1	
D6442	B0ECKP000047	DIODE	1	
D6452	B0ECKP000047	DIODE	1	
D6462, 63	B0HBSN000008	DIODE	2	
D6466	MA2J11100L	DIODE	1	
D6471	B0HBSN000008	DIODE	1	
D6472	B0ECKP000047	DIODE	1	
D6477	MA2J11100L	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6480	MA2J11100L	DIODE	1	
D6482, 83	MA3DF30000LZ	ZENER DIODE	2	
D6491	MA3DF40000LZ	ZENER DIODE	1	
D6497	B0ECKP000047	DIODE	1	
D6499	MA2J11100L	DIODE	1	
D6500	MAZ80510LL	ZENER DIODE	1	
D6501	B0ECKP000047	DIODE	1	
D6503	B0ECKP000047	DIODE	1	
D6521-23	B0ECKP000047	DIODE	3	
D6561, 62	B0ECKP000047	DIODE	2	
D6571	B0JCME000037	DIODE	1	
D6573	B0JCME000037	DIODE	1	
D6583	LNJ301MPUJA	LED	1	
D6584	MAZ80510LL	ZENER DIODE	1	
D6585	MA2J11100L	DIODE	1	
D6601, 02	MA8240MTX	ZENER DIODE	2	
D6604	MA2J11100L	DIODE	1	
D6605	MAZ80510LL	ZENER DIODE	1	
D6606	B0HCMM000014	DIODE	1	
D6607	MA2J11100L	DIODE	1	
D6619	B0HCKS000002	DIODE	1	
D6621-23	B0HDSM000005	DIODE	3	
D6625	B0HDSM000005	DIODE	1	
D6631	B0JCME000037	DIODE	1	
D6633	B0JCME000037	DIODE	1	
D6641, 42	B0HCKS000002	DIODE	2	
D6643	B0JCME000037	DIODE	1	
D6644	B0HCKS000002	DIODE	1	
D6661	MA2J11100L	DIODE	1	
D6662-64	MA8330M	ZENER DIODE	3	
D6665	MAZ80510LL	ZENER DIODE	1	
D6666, 67	MA2J11100L	DIODE	2	
D6690	MA2J11100L	DIODE	1	
D6691, 92	MA8200M	ZENER DIODE	2	
D6701	MA8056H	ZENER DIODE	1	
D6721	B0HCKS000002	DIODE	1	
D6722	MA2J11100L	DIODE	1	
D6725	B0ECKP000047	DIODE	1	
D6726-33	MA8056H	ZENER DIODE	8	
D6742, 43	MA2J11100L	DIODE	2	
D6761	B0JCME000037	DIODE	1	
D6764	B0HCKS000002	DIODE	1	
D6765-67	B0ECKP000047	DIODE	3	
D6773	B0HCKS000002	DIODE	1	
D6791	MA8200M	ZENER DIODE	1	
D6802	B0BC01000044	ZENER DIODE	1	
D6803	B0HCKS000002	DIODE	1	
D6804	B0ECHP000003	DIODE	1	
D6805	MA2J11100L	DIODE	1	
D6806	B0HCKS000002	DIODE	1	
D6807-10	B0HCMM000014	DIODE	4	
D6816	MAZ80510LL	ZENER DIODE	1	
D6817	MAZ80680HL	ZENER DIODE	1	
D6820-23	MA2J11100L	DIODE	4	
D6824, 25	MA8330M	ZENER DIODE	2	
D6826	MA2J11100L	DIODE	1	
D6827, 28	MA8330M	ZENER DIODE	2	
D6830	MA8056H	ZENER DIODE	1	
D6836	MAZ81500ML	ZENER DIODE	1	
D6837	MA2J11100L	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6838	B0BC027A0234	ZENER DIODE	1	
D6839	B0ECKP000047	DIODE	1	
D6841	B0HCKS000002	DIODE	1	
D6842, 43	MA2J11100L	DIODE	2	
D6859	B0ECKP000047	DIODE	1	
D6860	B0HCKS000002	DIODE	1	
D6861	MAZ80510LL	ZENER DIODE	1	
D6862	MA2J11100L	DIODE	1	
D6871	MAZ80510LL	ZENER DIODE	1	
D6872	MA2J11100L	DIODE	1	
D6883	MA2J11100L	DIODE	1	
D6886, 87	B0ECKP000047	DIODE	2	
D6901, 02	MA8056H	ZENER DIODE	2	
D6903, 04	B0HCMM000013	DIODE	2	
D6907	B0HCMM000013	DIODE	1	
D6951, 52	MA8056H	ZENER DIODE	2	
D6953, 54	B0HCMM000013	DIODE	2	
D6957	B0HCMM000013	DIODE	1	
D7101-10	B0HCMM000014	DIODE	10	
D7201-06	B0HCMM000014	DIODE	6	
D7301-06	B0HCMM000014	DIODE	6	
D9017-19	MA3033	ZENER DIODE	3	
D9020	BOJCCE000008	DIODE	1	
D9110	BOJCGD000002	DIODE	1	
D9802	BOJCCE000008	DIODE	1	
D9804	BOJCCE000008	DIODE	1	
D9807, 08	BOJCCE000008	DIODE	2	
D9811	BOJCCE000008	DIODE	1	
D9812	MA22D3900L	DIODE	1	
D9813-15	BOJCGD000002	DIODE	3	
D9816, 17	MA22D3900L	DIODE	2	
FL4000	J0HAAB000036	LC FILTER	1	
FL4003, 04	J0HAAB000036	LC FILTER	2	
FL4800-02	J0JAD0000028	CHIP INDUCTOR	3	
FL7101	J0HABH000013	LC FILTER	1	
FL7201, 02	J0HABH000013	LC FILTER	2	
FL7301	J0HABH000013	LC FILTER	1	
FL8308	J0MAB0000164	LC FILTER	1	
FL8500, 01	J0HAAA000013	LC FILTER	2	
FL9300, 01	F1J1E104A148	C 0.10UF, Z, 25V	2	
FL9504	F1J1E104A148	C 0.10UF, Z, 25V	1	
FL9803	F1J1E104A148	C 0.10UF, Z, 25V	1	
FL9805, 06	F1J1E104A148	C 0.10UF, Z, 25V	2	
FL9900-04	F1J1E104A148	C 0.10UF, Z, 25V	5	
GS52	K1KA14B00129	14P CONNECTOR	1	PAVCA
IC1100	MNZSFD7GP42	IC	1	PAVCA
IC1101	TVRP388S	IC	1	PAVCA
IC1108	COEBF0000354	IC	1	
IC2008	C0CBCB000001	IC	1	
IC2011	COABBB000230	IC	1	
IC2106	C1AB00002747	IC	1	
IC2107	C0DBFFD00003	IC	1	
IC2301	C1AB00002730	IC	1	
IC2303	C0DBGY00202	IC	1	
IC3001	AN15876A-VT	IC	1	
IC3101	AN15862A-VT	IC	1	
IC3500	EHMDD9851	LINEAR IC	1	
IC4500	TVRP387S	IC	1	PAVCA
IC4501	TVRP386S	IC	1	PAVCA
IC4504	C3BEBEY00009	IC	1	
IC4506	C0DBGGF00001	IC	1	
IC4508, 09	C0CBCAD00082	IC	2	
IC4510	C1AB00002753	IC	1	
IC4800	C1ZBZ0003577	IC	1	
IC5600	C0DBAYY00273	IC	1	
IC5601	C0DBAYY00274	IC	1	
IC5602	C0EBF0000335	IC	1	
IC5604	C0CBCBD00043	IC	1	
IC5605	C0DBAJB00004	IC	1	
IC5704	C0EBM0000026	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6131	COZBZ0000895	IC	1	
IC6151	COZBZ0001324	IC	1	
IC6191	COZBZ0000895	IC	1	
IC6211	COZBZ0001325	IC	1	
IC6221	C0DBEMC00043	IC	1	
IC6241	COJBAZ000005	IC	1	
IC6251	NJM2903M	INTEGRATED CIRCUIT	1	
IC6281	C0DBEMC00043	IC	1	
IC6471	C0DBEKA00003	IC	1	
IC6472	COJBAA000377	IC	1	
IC6481	COZBZ0000895	IC	1	
IC6500	NJM2903M	INTEGRATED CIRCUIT	1	
IC6501	COZBZ0000895	IC	1	
IC6521	COZBZ0001324	IC	1	
IC6561,62	COJBAZ000005	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6671	COZBZ0001325	IC	1	
IC6721,22	COJBAZ000994	IC	2	
IC6724,25	C0CBADC00072	IC	2	
IC6752	COZBZ0001324	IC	1	
IC6771	C0CBADC00072	IC	1	
IC6772	COZBZ0001325	IC	1	
IC6773,74	COJBAA000377	IC	2	
IC6791	EHMDD9863	LINEAR IC	1	
IC6801	C0DBEMC00043	IC	1	
IC6803	CODAAMH00005	IC	1	
IC6821	C0DBEMC00043	IC	1	
IC6841	C0DBEMC00043	IC	1	
IC6861	NJM2903M	INTEGRATED CIRCUIT	1	
IC6871	NJM2903M	INTEGRATED CIRCUIT	1	
IC6881	C0DBEMC00043	IC	1	
IC6901-06	AN16076A-VT	IC	6	PAVCA
IC6951-56	AN16076A-VT	IC	6	PAVCA
IC7101,02	COJBAZ001120	IC	2	
IC7201-03	COJBAZ001120	IC	3	
IC7301-04	COJBAZ001120	IC	4	
IC8001	MN2WS0039A	IC	1	PAVCA
IC8002,03	C3ABSG000039	IC	2	PAVCA
IC8004	COZBZ0001030	IC	1	
IC8302	MN88435	IC	1	PAVCA
IC8502	TVRP390S	IC	1	PAVCA
IC8503	TVRP391S	IC	1	PAVCA
IC9001	TVRP208S	IC	1	PAVCA
IC9002	C1ZBZ0003577	IC	1	
IC9003	MNZSFC9GPH2	IC	1	
IC9007	TVRP211S	IC	1	PAVCA
IC9011	COEBF0000431	IC	1	
IC9013	COJBAZ002060	IC	1	
IC9200	C1ZBZ0003566	IC	1	
IC9303	TVRP216	IC	1	
IC9500	C1ZBZ0003575	IC	1	
IC9802,03	COJBAZ001120	IC	2	
IC9805	C0DBAYY00274	IC	1	
IC9806	C0DBAYY00273	IC	1	
IC9900	MN84524	IC	1	
IC9901	C3ABQJ000055	IC	1	
JK3000	K1U939A00003	TERMINAL BOARD	1	PAVCA
JK3002	K2HA204A0041	JACK	1	
JK4500,01	K1FY119D0002	CONNECTOR	2	
JK7701	K1NA09E00080	9P CONNECTOR	1	
JS2042	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
JS2088	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
JS2301-05	ERJ6GEY0R00V	M 0 OHM, 1/10W	5	
JS3251-53	D0YAR0000007	M 0.0 OHM, J,0.063W	3	
JS4010	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JS4023	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
JS4025	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
JS4501	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
JS7701	J0JCC0000100	CHIP INDUCTOR	1	
JS8502	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
K1	K1KY12B00001	12P CONNECTOR	1	
K2	K1KA02BA0061	2P CONNECTOR	1	
L1100	J0JHC0000078	CHIP INDUCTOR	1	
L2021	J0JHC0000078	CHIP INDUCTOR	1	
L2029	J0JCC0000077	CHIP INDUCTOR	1	
L2040	J0JHC0000045	CHIP INDUCTOR	1	
L2300	G1C100M00044	INDUCTION COIL	1	
L2302	G1C100M00044	INDUCTION COIL	1	
L2304	G1C100M00044	INDUCTION COIL	1	
L2306	G1C100M00044	INDUCTION COIL	1	
L2308	J0JJC0000011	CHIP INDUCTOR	1	
L2310	J0JJC0000011	CHIP INDUCTOR	1	
L3001	J0JHC0000078	CHIP INDUCTOR	1	
L3101	J0JHC0000078	CHIP INDUCTOR	1	
L3500	TALL08N2R7MA	INDUCTION COIL	1	
L3501,02	G1C150MA0234	INDUCTION COIL	2	
L3506	G1C100M00044	INDUCTION COIL	1	
L3511	G1C3R3ZA0083	INDUCTION COIL	1	
L4500-07	J0JHC0000078	CHIP INDUCTOR	8	
L4511	J0JHC0000078	CHIP INDUCTOR	1	
L4512	J0JCC0000077	CHIP INDUCTOR	1	
L4515,16	J0JHC0000078	CHIP INDUCTOR	2	
L4518	J0JHC0000078	CHIP INDUCTOR	1	
L4520,21	J0JHC0000078	CHIP INDUCTOR	2	
L4524	J0JHC0000078	CHIP INDUCTOR	1	
L5600,01	G1C2R2ZA0083	INDUCTION COIL	2	
L5602	G1C3R3ZA0083	INDUCTION COIL	1	
L5604	G1C100MA0077	INDUCTION COIL	1	
L5605	J0JCC0000241	CHIP INDUCTOR	1	
L5606	G1C100MA0077	INDUCTION COIL	1	
L5608,09	J0JHC0000078	CHIP INDUCTOR	2	
L5610	G0A2R7ZA0021	CHOKE COIL	1	
L5611	G1C100MA0072	INDUCTION COIL	1	
L5612	G1C470MA0077	INDUCTION COIL	1	
L6000	J0JJC0000015	CHIP INDUCTOR	1	
L6001-03	G0C1R6KA0119	PEAKING COIL	3	
L6005	G0C1R6KA0119	PEAKING COIL	1	
L6010	J0JJC0000015	CHIP INDUCTOR	1	
L6011-14	G0C1R6KA0119	PEAKING COIL	4	
L6061-64	J0JKB0000049	FLAT CORE	4	
L6081-84	J0JKB0000049	FLAT CORE	4	
L6101,02	J0JJC0000015	CHIP INDUCTOR	2	
L6103	G0ZZ00002183	PEAKING COIL	1	
L6105,06	J0JJC0000015	CHIP INDUCTOR	2	
L6221	G0ZZ00002183	PEAKING COIL	1	
L6241	G0ZZ00002183	PEAKING COIL	1	
L6262	G0ZZ00002183	PEAKING COIL	1	
L6271	G0ZZ00002183	PEAKING COIL	1	
L6401-03	G0C1R6KA0119	PEAKING COIL	3	
L6405	G0C1R6KA0119	PEAKING COIL	1	
L6411-13	G0C1R6KA0119	PEAKING COIL	3	
L6415	G0C1R6KA0119	PEAKING COIL	1	
L6463-66	J0JKB0000049	FLAT CORE	4	
L6472	G0ZZ00002183	PEAKING COIL	1	
L6474	G0ZZ00002183	PEAKING COIL	1	
L6483-86	J0JKB0000049	FLAT CORE	4	
L6571	J0JJC0000015	CHIP INDUCTOR	1	
L6573	J0JJC0000015	CHIP INDUCTOR	1	
L6591,92	G0ZZ00002183	PEAKING COIL	2	
L6601,02	G0ZZ00002183	PEAKING COIL	2	
L6690	G0ZZ00002183	PEAKING COIL	1	
L6801,02	J0JJC0000015	CHIP INDUCTOR	2	
L6841	J0JJC0000015	CHIP INDUCTOR	1	
L6881	G0ZZ00002183	PEAKING COIL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L7701	J0JCC0000143	CHIP INDUCTOR	1	PAVCA
L8001-05	J0JHC0000045	CHIP INDUCTOR	5	
L8006	J0JCC0000100	CHIP INDUCTOR	1	
L8007-10	J0JHC0000045	CHIP INDUCTOR	4	
L8300-03	J0JHC0000045	CHIP INDUCTOR	4	
L8306, 07	G1CR22JA0020	INDUCTION COIL	2	
L8309	G1CR39JA0020	INDUCTION COIL	1	PAVCA
L8310, 11	J0JHC0000045	CHIP INDUCTOR	2	
L8313, 14	J0JHC0000045	CHIP INDUCTOR	2	
L8317, 18	G1CR22JA0020	INDUCTION COIL	2	
L8500	J0JCC0000241	CHIP INDUCTOR	1	
L8501	J0JHC0000045	CHIP INDUCTOR	1	
L8507	J0JHC0000045	CHIP INDUCTOR	1	
L9500	G1C150KA0038	INDUCTION COIL	1	
L9501, 02	J0JHC0000078	CHIP INDUCTOR	2	
L9504, 05	J0JHC0000078	CHIP INDUCTOR	2	
L9800	G1C2R2Z00007	INDUCTION COIL	1	
L9801	G1C1R5Z00006	INDUCTION COIL	1	
L9802	G1C2R2Z00007	INDUCTION COIL	1	
NP	TNPH0692ACS	CIRCUIT BOARD A	1	PAVCA △
NP	ETXMM655MEHS	CIRCUIT BOARD P	1	PAVCA △
NP	TXNC11HMTU	CIRCUIT BOARD C1	1	PAVCA △
NP	TXNC21HMTU	CIRCUIT BOARD C2	1	PAVCA △
NP	TXNC31HMTU	CIRCUIT BOARD C3	1	PAVCA △
NP	TZTNP01LNTU	CIRCUIT BOARD D	1	PAVCA △
NP	TXNSC1HMTU	CIRCUIT BOARD SC	1	PAVCA △
NP	TXNSD1HMTU	CIRCUIT BOARD SD	1	PAVCA △
NP	TNPA4202S	CIRCUIT BOARD SS2	1	PAVCA △
NP	TXNS1HMTU	CIRCUIT BOARD SS	1	PAVCA △
NP	TNPA4203S	CIRCUIT BOARD SS3	1	PAVCA △
NP	TXNSU1HMTU	CIRCUIT BOARD SU	1	PAVCA △
NP	TNPA4280S	CIRCUIT BOARD GS	1	PAVCA △
NP	TNPA4236S	CIRCUIT BOARD K	1	PAVCA △
NP	TNPA4237S	CIRCUIT BOARD S	1	PAVCA △
PA9800	K5H4022A0023	FUSE	1	
PA9900	K5H5022A0023	FUSE	1	
PC6480	B3PBA000223	IC	1	
PC6701, 02	B3PBA000233	IC	2	
PC6703	B3PBA000234	IC	1	
PC6705	B3PBA000397	IC	1	
PC6801	B3PBA000223	IC	1	
PC6861	B3PBA000223	IC	1	
PC6871	B3PBA000223	IC	1	
Q1107, 08	2SD0601ARL	TRANSISTOR	2	
Q2041, 42	2SD0601ARL	TRANSISTOR	2	
Q2053	2SB0709ARL	TRANSISTOR	1	
Q2056	2SD0601ARL	TRANSISTOR	1	
Q2057	2SB0709ARL	TRANSISTOR	1	
Q2059, 60	2SD0601ARL	TRANSISTOR	2	
Q2066	2SD0601ARL	TRANSISTOR	1	
Q2301	2SB0709ARL	TRANSISTOR	1	
Q2302	2SD0601ARL	TRANSISTOR	1	
Q2510, 11	2SD0601ARL	TRANSISTOR	2	
Q2602	B1MBACA0008	TRANSISTOR	1	
Q3123, 24	2SD0601ARL	TRANSISTOR	2	
Q3125	2SB0709ARL	TRANSISTOR	1	
Q3500	2SD0601ARL	TRANSISTOR	1	
Q3502, 03	2SB0709ARL	TRANSISTOR	2	
Q3504, 05	2SD0601ARL	TRANSISTOR	2	
Q4014, 15	2SD0601ARL	TRANSISTOR	2	
Q4500-05	2SD0601ARL	TRANSISTOR	6	
Q4514-17	2SB0709ARL	TRANSISTOR	4	
Q5021	2SB0709ARL	TRANSISTOR	1	
Q5600-02	B1MBEDA00015	TRANSISTOR	3	
Q5604	2SB0709ARL	TRANSISTOR	1	
Q5605	2SK3065T100	FET	1	
Q5606, 07	2SD0601ARL	TRANSISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6001-04	2PG0010000RP	TRANSISTOR	4	
Q6021-23	2PG0010000RP	TRANSISTOR	3	
Q6031	B1ADRD00001	TRANSISTOR	1	
Q6041-43	2PG0010000RP	TRANSISTOR	3	
Q6052, 53	2PG0010000RP	TRANSISTOR	2	
Q6101, 02	B1DFKM00002	TRANSISTOR	2	
Q6103	B1ABPF00014	TRANSISTOR	1	
Q6104	B1ADPF00004	TRANSISTOR	1	
Q6105, 06	B1DFKM00002	TRANSISTOR	2	
Q6111	2SK326800L	FET	1	
Q6112	B1DFKM00001	TRANSISTOR	1	
Q6114	B1DFKM00001	TRANSISTOR	1	
Q6141	B1ABPF00014	TRANSISTOR	1	
Q6142	B1ADPF00004	TRANSISTOR	1	
Q6146	B1ABPF00014	TRANSISTOR	1	
Q6147	B1ADPF00004	TRANSISTOR	1	
Q6171	B1ABRD00003	TRANSISTOR	1	
Q6172	B1ADRD00001	TRANSISTOR	1	
Q6181	B1ABRD00003	TRANSISTOR	1	
Q6222A	2SC1473AEA	TRANSISTOR	1	
Q6251	2SD0601ARL	TRANSISTOR	1	
Q6256	2SD1263A	TRANSISTOR	1	
Q6271	2SD0601ARL	TRANSISTOR	1	
Q6281	B1ABPF00014	TRANSISTOR	1	
Q6282	B1ADPF00004	TRANSISTOR	1	
Q6401-04	2PG0010000RP	TRANSISTOR	4	
Q6422-24	2PG0030000RP	TRANSISTOR	3	
Q6441-43	2PG0010000RP	TRANSISTOR	3	
Q6452, 53	2PG0030000RP	TRANSISTOR	2	
Q6500	2SD0601ARL	TRANSISTOR	1	
Q6501	B1ABPF00014	TRANSISTOR	1	
Q6502	B1ADPF00004	TRANSISTOR	1	
Q6521	B1ABPF00014	TRANSISTOR	1	
Q6522	B1ADPF00004	TRANSISTOR	1	
Q6531	B1ABRD00003	TRANSISTOR	1	
Q6532	B1ADRD00001	TRANSISTOR	1	
Q6551	B1ABRD00003	TRANSISTOR	1	
Q6552	B1ADRD00001	TRANSISTOR	1	
Q6561	B1ABPF00014	TRANSISTOR	1	
Q6562	B1ADPF00004	TRANSISTOR	1	
Q6571	B1DFKM00002	TRANSISTOR	1	
Q6573	B1DFKM00002	TRANSISTOR	1	
Q6581	2SD0601ARL	TRANSISTOR	1	
Q6601	B1DFES00003	TRANSISTOR	1	
Q6602	2SD0601ARL	TRANSISTOR	1	
Q6603	2SB0709ARL	TRANSISTOR	1	
Q6621	2SK399500L	FET	1	
Q6623	2SK399500L	FET	1	
Q6643	2SK399500L	FET	1	
Q6645-49	2SK399500L	FET	5	
Q6651	2SK399500L	FET	1	
Q6661	B1DEET00002	TRANSISTOR	1	
Q6662	2SD0601ARL	TRANSISTOR	1	
Q6665	B1ABPF00014	TRANSISTOR	1	
Q6671-73	B1DFDR00001	TRANSISTOR	3	
Q6679	B1ABPF00014	TRANSISTOR	1	
Q6680	B1ADPF00004	TRANSISTOR	1	
Q6690	2SA19610Q0HW	TRANSISTOR	1	
Q6742, 43	2SD0601ARL	TRANSISTOR	2	
Q6763	B1ADPF00004	TRANSISTOR	1	
Q6781	B1ABPF00014	TRANSISTOR	1	
Q6782	B1ADPF00004	TRANSISTOR	1	
Q6791	2SD0601ARL	TRANSISTOR	1	
Q6803	2SD0814A	TRANSISTOR	1	
Q6805	2SC3063	TRANSISTOR	1	
Q6806	2SC1473AEA	TRANSISTOR	1	
Q6821	2SD1263A	TRANSISTOR	1	
Q6822	2SC3063	TRANSISTOR	1	
Q6824	2SD0601ARL	TRANSISTOR	1	
Q6841	2SD1263A	TRANSISTOR	1	
Q6842	2SC1473AEA	TRANSISTOR	1	
Q6881	2SD1263A	TRANSISTOR	1	
Q6882	2SB940A	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6883	2SC1473AEA	TRANSISTOR	1	
Q8301	2SB0709ARL	TRANSISTOR	1	
Q8302, 03	B1CBHD000002	FET	2	
Q9010	2SD0601ARL	TRANSISTOR	1	
Q9044	2SD0601ARL	TRANSISTOR	1	
Q9046	2SD0601ARL	TRANSISTOR	1	
Q9050-54	2SD0601ARL	TRANSISTOR	5	
Q9301, 02	2SD0601ARL	TRANSISTOR	2	
Q9805, 06	2SD0601ARL	TRANSISTOR	2	
Q9807-09	B1MBEDA00015	TRANSISTOR	3	
R1100	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1101	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R1102	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1103	ERJ2RKD330	M 33 OHM, J, 0.063W	1	
R1104	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1105-09	ERJ2GEJ101	M 100 OHM, J, 0.063W	5	
R1110	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R1111, 12	ERJ2GEJ474	M 470KOHM, J, 0.063W	2	
R1113	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1124, 25	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
R1126	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1134	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1137	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1139, 40	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
R1143, 44	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
R1146	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R1147	ERJ2GEJ105	M 1MOHM, J, 0.063W	1	
R1148	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1151, 52	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
R1153	ERJ2GEJ821	M 820 OHM, J, 0.063W	1	
R1162	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1164	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R1165	ERJ2GEJ182	M 1.8KOHM, J, 0.063W	1	
R1166	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
R1167	ERJ2GED563X	M 56KOHM , J, 0.063W	1	
R1168	ERJ2GEJ333	M 33KOHM, J, 0.063W	1	
R1169	ERJ2GED563X	M 56KOHM , J, 0.063W	1	
R1170	ERJ2GEJ273	M 27KOHM , J, 0.063W	1	
R1171	ERJ2GED563X	M 56KOHM , J, 0.063W	1	
R1172	ERJ2GEJ273	M 27KOHM , J, 0.063W	1	
R1173	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1174, 75	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R1179	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1181	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1182	ERJ2GEJ273	M 27KOHM , J, 0.063W	1	
R1183, 84	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R1187	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1190, 91	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
R1194	ERJ2GED563X	M 56KOHM , J, 0.063W	1	
R1195	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
R1196	ERJ2GEJ333	M 33KOHM, J, 0.063W	1	
R1199	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1200, 01	ERJ2GEJ562	M 5.6KOHM, J, 0.063W	2	
R1203	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1204	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R1205, 06	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R1209	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1216	ERJ2GEJ333	M 33KOHM, J, 0.063W	1	
R1217	ERJ2GED563X	M 56KOHM , J, 0.063W	1	
R1218-20	ERJ2GEJ103	M 10KOHM, J, 0.063W	3	
R1221	ERJ3EKF7151	M 7.15KOHM, 1/16W	1	
R1222	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1223	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R1224	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1225	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R1226-28	ERJ2GEJ473	M 47KOHM, J, 0.063W	3	
R1229	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1230-37	ERJ2GEJ473	M 47KOHM, J, 0.063W	8	
R1242-47	ERJ2GEJ473	M 47KOHM, J, 0.063W	6	
R1250-56	ERJ2GEJ473	M 47KOHM, J, 0.063W	7	
R1260	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1262	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R1263	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1264	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R1267-71	ERJ2GEJ473	M 47KOHM, J, 0.063W	5	
R1273	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R1343	ERJ2GEJ561	M 60 OHM, J, 0.063W	1	
R1344, 45	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
R1356	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R2056, 57	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R2058	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R2059	ERJ2GEJ105	M 1MOHM, J, 0.063W	1	
R2100	ERJ3EKF2002	M 20KOHM, 1/16W	1	
R2102	ERJ2GEJ562	M 5.6KOHM, J, 0.063W	1	
R2104	ERJ3EKF2001	M 2KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2106	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2107,08	ERJ2GEJ102X	M 1KOHM, J,0.063W	2	
R2110	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2111	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R2112	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2113	ERJ3EKF1203	M 120KOHM, 1/16W	1	
R2114	ERJ3EKF7502	M 75KOHM, 1/16W	1	
R2115	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2116	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R2117	ERJ2GEJ473	M 47KOHM, J,0.063W	1	
R2118	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R2125	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R2130,31	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R2132	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2139	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2140	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2142	ERJ2GEJ223	M 22KOHM, J,0.063W	1	
R2145	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2146	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
R2148	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R2149	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2150,51	ERJ3EKF2802	M 28KOHM, 1/16W	2	
R2153	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2165	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2166	ERJ3EKF1602	M16.0KOHM, 1/16W	1	
R2168	ERJ3EKF1602	M16.0KOHM, 1/16W	1	
R2169	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R2181	ERJ3EKF2202	M 22KOHM, 1/16W	1	
R2182,83	ERJ3EKF3602	M 36KOHM, 1/16W	2	
R2199	J0JCC000100	CHIP INDUCTOR	1	
R2271	EXB28VR000X	RESISTOR ARRAY	1	
R2276	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R2301,02	ERJ2GEJ222	M 2.2KOHM, J,0.063W	2	
R2305	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R2306	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R2308	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/8W	1	
R2311	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/8W	1	
R2313	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/8W	1	
R2315	ERJ8GEYJ3R3V	M 3.3 OHM, J,1/8W	1	
R2317	ERJ6GEYJ100V	M 10 OHM,J,1/10W	1	
R2319	ERJ6GEYJ100V	M 10 OHM,J,1/10W	1	
R2321	ERJ6GEYJ100V	M 10 OHM,J,1/10W	1	
R2325	ERJ6GEYJ100V	M 10 OHM,J,1/10W	1	
R2330	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R2331	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R2350	ERJ2GEJ224	M 220KOHM, J,0.063W	1	
R2351	ERJ2GEJ103	M 10KOHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2352	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R2353	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R2362	ERJ6GEYJ100V	M 10 OHM,J,1/10W	1	
R2516	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2517	ERJ6GEYG470V	M 47 OHM,J,1/10W	1	
R2520	ERJ3GEYJ224	M 220KOHM,J,1/16W	1	
R2524	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R2525	ERJ3GEYF821	M 820 OHM,J,1/16W	1	
R2542	D0GB473JA057	M 47KOHM,J,1/16W	1	
R2557	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R2620,21	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R2622,23	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R3001	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3002	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R3003	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3005	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3020	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3032	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3033	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R3071	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R3073	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R3075	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R3077	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R3079	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R3081	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R3083	ERJ2GEJ331	M 330 OHM, J,0.063W	1	
R3084	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R3087	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3095	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3096	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R3097	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3099	ERJ2GEJ221	M 220 OHM, J,0.063W	1	
R3103,04	ERJ2GEJ221	M 220 OHM, J,0.063W	2	
R3106-17	ERJ2GEJ221	M 220 OHM, J,0.063W	12	
R3122	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R3123,24	ERJ2GEJ182	M 1.8KOHM, J,0.063W	2	
R3125,26	ERJ2GEJ221	M 220 OHM, J,0.063W	2	
R3134	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R3135,36	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R3137	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R3145	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R3146	ERJ2GEJ184	M 180KOHM, J,0.063W	1	
R3147	ERJ2GEJ101	M 100 OHM, J,0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3148	ERJ2GEJ184	M 180KOHM, J,0.063W	1	
R3149, 50	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R3151	ERJ2GEJ105	M 1MOHM, J,0.063W	1	
R3152	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R3153	ERJ2GEJ102X	M 1KOHM, J,0.063W	1	
R3154	ERJ2GEJ274	M 270KOHM, J,0.063W	1	
R3189	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R3190-93	D0GB393JA041	M 39KOHM, J, 1/16W	4	
R3194	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R3195, 96	D0GB393JA041	M 39KOHM, J, 1/16W	2	
R3197-99	ERJ3EKF75R0	M 0.75HM, 1/16W	3	
R3200-02	D0GB393JA041	M 39KOHM, J, 1/16W	3	
R3203	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R3204	D0GB393JA041	M 39KOHM, J, 1/16W	1	
R3205	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R3207-09	ERJ3EKF75R0	M 0.75HM, 1/16W	3	
R3211, 12	ERJ3EKF75R0	M 0.75HM, 1/16W	2	
R3258-60	ERJ2GEJ470	M 47 OHM, J,0.063W	3	
R3261	ERJ3EKF1000	M 100 OHM, 1/16W	1	
R3505, 06	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R3507	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R3508	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R3512	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R3513	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R3514	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R3515	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R3516	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R3517	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R3518	ERJ3GEYJ681	M 680 OHM, J, 1/16W	1	
R3519	ERJ2GEJ222	M 2.2KOHM, J,0.063W	1	
R3520	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R3521	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R3523	ERJ3GEYJ471	M 470 OHM, J, 1/16W	1	
R3525	ERJ3GEYJ221	M 220 OHM, J, 1/16W	1	
R3527, 28	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R3529, 30	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R3534	ERJ3EKF2611	M2.61KOHM, 1/16W	1	
R3535	ERJ3EKF1271V	M1.27KOHM, 1/16W	1	PAVCA
R3560-63	ERJ8GEY0R00	M 0 OHM, 1/8W	4	
R3572, 73	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R3752	ERJ6ENF1741	M1.74KOHM, 1/10W	1	
R3753	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R3754	ERJ6ENF2321	M2.32KOHM, 1/10W	1	
R3756	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R3758	ERJ6ENF3161	M3.16KOHM, 1/10W	1	
R3766, 67	ERJ6GEY0R00V	M 0 OHM, 1/10W	2	
R4001	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4013	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4079	D1HG5608A002	NETWORK RESISTER	1	
R4081	D1HG5608A002	NETWORK RESISTER	1	
R4089-91	D1HG5608A002	NETWORK RESISTER	3	
R4092, 93	ERJ6GEY0R00V	M 0 OHM, 1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4134-37	ERJ2GEJ101	M 100 OHM, J,0.063W	4	
R4152	J0JCC0000100	CHIP INDUCTOR	1	
R4153, 54	ERJ2GEJ101	M 100 OHM, J,0.063W	2	
R4156	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4162	ERJ2GEJ104	M 100KOHM, J,0.063W	1	
R4166	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4167	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4168	EXB2HV473JV	RESISTOR ARRAY	1	
R4286-88	ERJ2GEJ473	M 47KOHM, J, 0.063W	3	
R4325	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4328	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4330	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4500, 01	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4502, 03	ERJ2GEJ390	M 39 OHM, J,0.063W	2	
R4506, 07	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4508-23	ERJ2GEJ2R2X	M 2.2OHM, J,0.063W	16	
R4524, 25	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4526, 27	ERJ2GEJ102X	M 1KOHM, J,0.063W	2	
R4528	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4529	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4530	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R4531	ERJ2GEJ472	M 4.7KOHM, J,0.063W	1	
R4532, 33	ERJ2GEJ103	M 10KOHM, J,0.063W	2	
R4535, 36	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4538	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4539	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R4540	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4541-43	ERJ2GEJ680	M 68 OHM, J,0.063W	3	
R4544-47	ERJ2GEJ103	M 10KOHM, J,0.063W	4	
R4552	ERJ2GEJ220	M 22 OHM, J,0.063W	1	
R4561	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4562, 63	ERJ2GEJ472	M 4.7KOHM, J,0.063W	2	
R4564, 65	ERJ2GEJ220	M 22 OHM, J,0.063W	2	
R4578, 79	ERJ2GEJ151	M 150 OHM, J,0.063W	2	
R4585	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R4587	ERJ3GEYF821	M 820 OHM, J, 1/16W	1	
R4590, 91	D0YAR0000007	M 0.0 OHM, J,0.063W	2	
R4593	ERJ3EKF1001	M 1KOHM, 1/16W	1	
R4596-98	ERJ6GEYG102	M 1KOHM, J, 1/10W	3	
R4601	ERJ6GEYG102	M 1KOHM, J, 1/10W	1	
R4604	ERJ3EKF7501	M 7.5KOHM, 1/16W	1	
R4606	ERJ3EKF4701	M 4.7KOHM, 1/16W	1	
R4611	ERJ3EKF1371	M1.37KOHM, 1/16W	1	
R4612	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R4613, 14	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R4615	ERJ3EKF1600	M 160 OHM, 1/16W	1	
R4617	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R4619	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R4620	DOYAR0000007	M 0.0 OHM, J, 0.063W	1	
R4622	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R4624	ERJ3EKF1691	M 1.69KOHM, 1/16W	1	
R4626	ERJ2GEJ105	M 1MOHM, J, 0.063W	1	
R4627	DOYAR0000007	M 0.0 OHM, J, 0.063W	1	
R4631	ERJ3EKF4990	M 499 OHM, 1/16W	1	
R4635	EXB28V680JX	RESISTOR ARRAY	1	
R4636-38	ERJ2GEJ680	M 68 OHM, J, 0.063W	3	
R4639, 40	EXB28V680JX	RESISTOR ARRAY	2	
R4641	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
R4642	EXB28V680JX	RESISTOR ARRAY	1	
R4643, 44	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R4645-47	ERJ2GEJ680	M 68 OHM, J, 0.063W	3	
R4648	EXB28V330J	RESISTOR ARRAY	1	
R4649	EXB28V680JX	RESISTOR ARRAY	1	
R4650, 51	ERJ2GEJ680	M 68 OHM, J, 0.063W	2	
R4652	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4653, 54	DOYAR0000007	M 0.0 OHM, J, 0.063W	2	
R4656-58	ERJ2GEJ220	M 22 OHM, J, 0.063W	3	
R4661	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R4663, 64	DOYAR0000007	M 0.0 OHM, J, 0.063W	2	
R4666	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4667	ERJ2GEJ151	M 150 OHM, J, 0.063W	1	
R4670	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
R4671, 72	DOYAR0000007	M 0.0 OHM, J, 0.063W	2	
R4691, 92	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R4746	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R4748-89	J0JCC0000100	CHIP INDUCTOR	42	
R4819, 20	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R4860, 61	ERJ2GEJ102X	M 1KOHM, J, 0.063W	2	
R4864	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R5058	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R5069	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R5137	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R5182	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
R5183	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
R5184	ERJ2GEJ222	M 2.2KOHM, J, 0.063W	1	
R5185	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
R5186	ERJ2RHD682X	M 22KOHM, J, 2W	1	
R5188	ERJ2RHD682X	M 22KOHM, J, 2W	1	
R5600	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R5601	J0JCC0000100	CHIP INDUCTOR	1	
R5602, 03	DOYAR0000007	M 0.0 OHM, J, 0.063W	2	
R5604	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5605	ERJ3EKF1272	M12.7KOHM, 1/16W	1	
R5606-09	DOYAR0000007	M 0.0 OHM, J, 0.063W	4	
R5610	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
R5611	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5612	ERJ3EKF1602	M16.0KOHM, 1/16W	1	
R5614	J0JCC0000100	CHIP INDUCTOR	1	
R5616	DOYAR0000007	M 0.0 OHM, J, 0.063W	1	
R5620	ERJ2GEJ680	M 68 OHM, J, 0.063W	1	
R5621	ERJ3EKF2702V	M27.0KOHM, 1/16W	1	
R5622	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
R5623	ERJ3GEYF473	M 47KOHM, 1/16W	1	
R5625-28	DOYAR0000007	M 0.0 OHM, J, 0.063W	4	
R5629	ERJ3EKF2802	M 28KOHM, 1/16W	1	
R5630	ERJ3EKF4752	M47.5KOHM, 1/16W	1	
R5631	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R5632	ERJ3EKF3002	M 30KOHM, 1/16W	1	
R5633	ERJ3EKF3602	M 36KOHM, 1/16W	1	
R5634	ERJ3EKF1602	M16.0KOHM, 1/16W	1	
R5635	ERJ2GEJ223	M 22KOHM, J, 0.063W	1	
R5636	ERJ2GEJ683	M 68KOHM, J, 0.063W	1	
R5637	DOYAR0000007	M 0.0 OHM, J, 0.063W	1	
R5638	ERJ2GEJ102X	M 1KOHM, J, 0.063W	1	
R5640	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R5647	DOYAR0000007	M 0.0 OHM, J, 0.063W	1	
R5648	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R5650, 51	ERJ2GED563X	M 56KOHM , J, 0.063W	2	
R5652	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
R5653	ERJ3EKF8202	M 82KOHM, 1/16W	1	
R5654	ERJ3EKF1622V	M16.2KOHM, 1/16W	1	PAVCA
R5657	ERJ2GEJ222	M 2.2KOHM, J, 0.063W	1	
R5658	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R5659, 60	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
R5661	ERJ2GEJ473	M 47KOHM, J, 0.063W	1	
R5747	ERJ2GEJ562	M 5.6KOHM, J, 0.063W	1	
R5748, 49	ERJ2GEJ473	M 47KOHM, J, 0.063W	2	
R5762	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R6001	ERJT08J7R5V	M 7.50HM, J, 0.33W	1	
R6003	ERJT08J7R5V	M 7.50HM, J, 0.33W	1	
R6005	ERJT08J7R5V	M 7.50HM, J, 0.33W	1	
R6007	ERJT08J7R5V	M 7.50HM, J, 0.33W	1	
R6020	ERF5TJ330	W 33 OHM, 5W	1	
R6021	ERJT08J7R5V	M 7.50HM, J, 0.33W	1	
R6024	ERJT08J7R5V	M 7.50HM, J, 0.33W	1	
R6026	ERJT08J7R5V	M 7.50HM, J, 0.33W	1	
R6031, 32	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6033	ERJ6ENF5602	M 56KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6034	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6041	ERJT08J7R5V	M 7.50HJM, J, 0.33W	1	
R6043	ERJT08J7R5V	M 7.50HJM, J, 0.33W	1	
R6045	ERJT08J7R5V	M 7.50HJM, J, 0.33W	1	
R6053	ERJT08J7R5V	M 7.50HJM, J, 0.33W	1	
R6055	ERJT08J7R5V	M 7.50HJM, J, 0.33W	1	
R6102	ERJT06J101V	M 100 OHM, F, 0.25W	1	
R6104	ERJT06J101V	M 100 OHM, F, 0.25W	1	
R6106	ERJT06J101V	M 100 OHM, F, 0.25W	1	
R6108	ERJT06J101V	M 100 OHM, F, 0.25W	1	
R6109	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6110	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
R6111, 12	ERJT06J470V	M 47 OHM, F, 0.25W	2	
R6113	ERJ14YJ224	M 220KOHM, J, 1/4W	1	
R6114	ERJT06J470V	M 47 OHM, F, 0.25W	1	
R6116	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
R6131, 32	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6134	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6135, 36	ERJT06J100V	M 10 OHM, F, 0.25W	2	
R6141, 42	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6145	ERJT08J1R0V	M 1.8OHM, J, 0.33W	1	
R6146, 47	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6151, 52	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6154	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6157-60	ERJT08J1R0V	M 1.8OHM, J, 0.33W	4	
R6171	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6172, 73	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6181	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6182, 83	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6191, 92	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6193	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6194	ERJT08J1R0V	M 1.8OHM, J, 0.33W	1	
R6210	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R6213	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
R6214	ERJT06J151V	M 150 OHM, F, 0.25W	1	
R6222	ERG1FJS103D	M 10KOHM, J, 1W	1	
R6223	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6225	D1BD5492A028	M52.3KOHM, 1/10W	1	
R6226	ERJ6ENF5622V	M56.2KOHM, 1/10W	1	PAVCA
R6227	ERJ6ENF5102	M 51KOHM, 1/10W	1	
R6232	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6233	ERJ14YJ154	M 150KOHM, J, 1/4W	1	
R6234	ERJ6GEYG183	M 18KOHM, J, 1/10W	1	
R6241	EXB38V470J	RESISTOR ARRAY	1	
R6242	EXB38V472JV	RESISTOR ARRAY	1	
R6243	EXB38V470J	RESISTOR ARRAY	1	
R6244	EXB38V472JV	RESISTOR ARRAY	1	
R6246	ERJ6GEYJ273	M 27KOHM, J, 1/10W	1	
R6247	ERJT08J154V	M150KOHM, J, 0.33W	1	
R6248	ERJ6GEYJ273	M 27KOHM, J, 1/10W	1	
R6249	ERJT08J154V	M150KOHM, J, 0.33W	1	
R6252, 53	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6254	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6255	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6256	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6257	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6258	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R6261	ERJ6GEYG104	M 100KOHM, J, 1/10W	1	
R6272	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R6273	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6274	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6275	ERJT08J154V	M150KOHM, J, 0.33W	1	
R6276	ERJ6GEYG823	M 82KOHM, J, 1/10W	1	
R6277	ERJT08J154V	M150KOHM, J, 0.33W	1	
R6282	ERG2FJS150D	M 15 OHM, J, 2W	1	
R6283	ERJ6GEYJ273	M 27KOHM, J, 1/10W	1	
R6284	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6285	ERJ6GEYJ273	M 27KOHM, J, 1/10W	1	
R6286	ERJT06J101V	M 100 OHM, F, 0.25W	1	
R6288, 89	ERJ6ENF1241	M1.24KOHM, 1/10W	2	
R6290	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6291	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R6292	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
R6401-04	ERJT08J7R5V	M 7.50HJM, J, 0.33W	4	
R6422-24	ERJT08J7R5V	M 7.50HJM, J, 0.33W	3	
R6441-43	ERJT08J7R5V	M 7.50HJM, J, 0.33W	3	
R6446	ERF5TJ820	W 82 OHM, 5W	1	
R6452, 53	ERJT08J7R5V	M 7.50HJM, J, 0.33W	2	
R6465	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R6466	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6467, 68	ERJ6ENF8202	M 82KOHM, 1/10W	2	
R6471	ERJ6GEYG392	M 3.9KOHM, J, 1/10W	1	
R6472	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R6473	ERJ6GEYF561	M 560 OHM, F, 1/10W	1	
R6474	ERJ6GEYG102	M 1KOHM, J, 1/10W	1	
R6475, 76	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	2	
R6477	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
R6481, 82	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6485	ERJT08J1R0V	M 1.8OHM, J, 0.33W	1	
R6487	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6488	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6489, 90	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6493	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R6494, 95	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R6496	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6497	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R6498	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6499	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6501, 02	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6503	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6504	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6505	ERJT08J1R0V	M 1.8OHM, J, 0.33W	1	
R6506	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6507-09	ERJT08J1R0V	M 1.8OHM, J, 0.33W	3	
R6511, 12	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6516, 17	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6521, 22	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6523	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6531	ERJT06J100V	M 10 OHM, F, 0.25W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6532, 33	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6551	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6552, 53	ERJ6GEYF473	M 47KOHM, J, 1/10W	2	
R6558	J0JCC0000100	CHIP INDUCTOR	1	
R6560	J0JCC0000100	CHIP INDUCTOR	1	
R6561- 64	EXB38V470J	RESISTOR ARRAY	4	
R6565- 68	EXB38V472JV	RESISTOR ARRAY	4	
R6570	ERJT08J1R0V	M 1.8OHM, J, 0.33W	1	
R6571	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6573	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6579	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6580	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R6582, 83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF8201	M 8.2KOHM, 1/10W	1	
R6585	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R6586	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R6587	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6588	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6590	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6591	EXB38V472JV	RESISTOR ARRAY	1	
R6592	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6605	ERJ6GEYG182	M 1.8KOHM, J, 1/10W	1	
R6607	D1BD6811A027	M 6.81KOHM, 1/10W	1	
R6608, 09	ERJT08J102V	M 1KOHM, J, 0.33W	2	
R6610	ERJ6GEYG104	M 100KOHM, J, 1/10W	1	
R6612	ERJT06J470V	M 47 OHM, F, 0.25W	1	
R6621	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6623	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6629	ERG2FJS333D	M 33KOHM, J, 2W	1	
R6631	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6633	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6638, 39	ERJT08J1R0V	M 1.8OHM, J, 0.33W	2	
R6643	ERJT06J330V	M 33 OHM, F, 0.25W	1	
R6645-49	ERJT06J330V	M 33 OHM, F, 0.25W	5	
R6651	ERJT06J330V	M 33 OHM, F, 0.25W	1	
R6658	D0D1101JA009	M 100 OHM, J, 1W	1	
R6659, 60	ERJ6GEYJ224	M 220KOHM, J, 1/10W	2	
R6661	ERJ6GEYG104	M 100KOHM, J, 1/10W	1	
R6662	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R6663	ERJ6GEYF103	M 10KOHM, J, 1/10W	1	
R6664	ERJT08J222V	M2.2KOHM, J, 0.33W	1	
R6665	ERJT06J470V	M 47 OHM, F, 0.25W	1	
R6666	ERJ6GEYG104	M 100KOHM, J, 1/10W	1	
R6667, 68	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	2	
R6671	ERJT06J470V	M 47 OHM, F, 0.25W	1	
R6672	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
R6673-75	ERJT06J470V	M 47 OHM, F, 0.25W	3	
R6692	D0GZ472JA020	M 4.7KOHM, J, 0.5W	1	
R6693	ERJ6GEYG823	M 82KOHM, J, 1/10W	1	
R6694	ERJ6GEYJ273	M 27KOHM, J, 1/10W	1	
R6695	ERJ8GEYJ124	M 120KOHM, J, 1/8W	1	
R6696	ERF5TK2R2	W 2.2 OHM, K, 5W	1	
R6700-04	ERJ6GEYJ471	M 470 OHM, J, 1/10W	5	
R6705, 06	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6707, 08	ERJ6GEYJ471	M 470 OHM, J, 1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6709	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
R6710-14	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	5	
R6716-18	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	3	
R6721, 22	EXB38V220JV	RESISTOR ARRAY	2	
R6723	ERJ6GEYG182	M 1.8KOHM, J, 1/10W	1	
R6725	ERJ6GEYG104	M 100KOHM, J, 1/10W	1	
R6726	ERJ6GEYJ474	M 470KOHM, J, 1/10W	1	
R6727	ERJ6GEYJ273	M 27KOHM, J, 1/10W	1	
R6728	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R6731	ERJT06J470V	M 47 OHM, F, 0.25W	1	
R6733	ERJT06J470V	M 47 OHM, F, 0.25W	1	
R6742	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6743	ERJ6GEYG332	M 3.3KOHM, J, 1/10W	1	
R6745	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6746, 47	ERJT06J103V	M 10KOHM, F, 0.25W	2	
R6761	ERJT06J100V	M 10 OHM, F, 0.25W	1	
R6762	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
R6765	ERJT08J1R0V	M 1.8OHM, J, 0.33W	1	
R6766	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6768	ERJT08J1R0V	M 1.8OHM, J, 0.33W	1	
R6769	ERJT06J750V	M 75 OHM, F, 0.25W	1	
R6775, 76	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	2	
R6777	ERJT06J151V	M 150 OHM, F, 0.25W	1	
R6781	ERJT06J470V	M 47 OHM, F, 0.25W	1	
R6782	ERJ6GEYF473	M 47KOHM, J, 1/10W	1	
R6791	ERJ6GEYG102	M 1KOHM, J, 1/10W	1	
R6792	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6793	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
R6802	ERG2FJS683D	M 68KOHM, J, 2W	1	
R6803	ERG3FJS333D	M 33KOHM, J, 3W	1	
R6806, 07	ERX12SJ1R2	M 1.2 OHM, J, 1/2W	2	
R6808	ERJT06J272V	M 2.7KOHM, F, 0.25W	1	
R6809	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6810, 11	ERJ6GEYF333	M 33KOHM, J, 1/10W	2	
R6812	ERJ6ENF2403	M 240KOHM, 1/10W	1	
R6813	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6814	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R6815	ERJ6GEYG332	M 3.3KOHM, J, 1/10W	1	
R6819	ERJ6GEYG681	M 680 OHM, J, 1/10W	1	
R6820	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R6821	ERF5TJ221	W 220 OHM, J, 5W	1	
R6822	ERJ12YJ104U	M 100KOHM, 1/2W	1	
R6823	ERG1FJS104D	M 100KOHM, J, 1W	1	
R6824	ERJ6GEYG392	M 3.9KOHM, J, 1/10W	1	
R6825-27	ERJ6ENF2003	M 200KOHM, 1/10W	3	
R6828	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6829, 30	ERJ6GEYG104	M 100KOHM, J, 1/10W	2	
R6831	ERJ6GEYG153	M 15KOHM, J, 1/10W	1	
R6832	ERJT08J4R7V	M 4.7OHM, J, 0.33W	1	
R6833-36	ERJ6ENF7502	M 75KOHM, 1/10W	4	
R6837	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6839	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6841	ERJ12YJ153U	M 15KOHM, 1/2W	1	
R6842	ERJ12YJ433U	M 43KOHM, 1/2W	1	
R6843	ERJ6GEYJ623	M 62KOHM, J, 1/10W	1	
R6844	DOD1101JA021	M 100 OHM, J, 2W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6845-47	ERJ6GEYJ623	M 62KOHM, J, 1/10W	3	
R6848	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6849, 50	ERJ6ENF6802	M 68KOHM, 1/10W	2	
R6851	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R6852	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R6853	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
R6855	ERJ12YJ103	M 10KOHM, J, 1/2W	1	
R6856	ERQ12AJW560E	F 56 OHM, J, 1/2W	1	
R6857	ERJ12YJ124U	M 120KOHM, 1/2W	1	
R6858	ERJ6GEYG102	M 1KOHM, J, 1/10W	1	
R6860	DOD28R2JA021	M 8.2 OHM, J, 2W	1	
R6861, 62	ERJ6ENF5102	M 51KOHM, 1/10W	2	
R6863	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R6864	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R6865	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6866	ERJ6ENF6200	M 620 OHM, 1/10W	1	
R6867	ERJ6GEYG392	M 3.9KOHM, J, 1/10W	1	
R6868	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6869	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6870	ERJ6GEYJ104	M 100KOHM, J, 1/10W	1	
R6871-73	ERJ6ENF3902	M 39KOHM, 1/10W	3	
R6874	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R6875	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R6876	ERJ6RBD561	M 560 OHM, 1/10W	1	
R6877	ERJ6GEYG392	M 3.9KOHM, J, 1/10W	1	
R6878	ERJ6GEYJ223	M 22KOHM, J, 1/10W	1	
R6879	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6880	ERG1FJJS103D	M 10KOHM, J, 1W	1	
R6881	ERG2FNJS8R2E	M 8.2 OHM, J, 2W	1	
R6882	ERJ6ENF1692	M 16.9KOHM, 1/10W	1	
R6883, 84	ERJ6GEY0R00V	M 0 OHM, 1/10W	2	
R6886-88	ERJ6GEYJ224	M 220KOHM, J, 1/10W	3	
R6889	ERG2FJJS223D	M 22KOHM, J, 2W	1	
R6890	ERJ6GEYF472	M 4.7KOHM, F, 1/10W	1	
R6891-93	ERJ6GEYF473	M 47KOHM, J, 1/10W	3	
R6894	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6895-97	ERJ6ENF4702	M 47KOHM, 1/10W	3	
R6898	ERJ6ENF2491	M 2.49KOHM, 1/10W	1	
R6899	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R6901	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	
R6902-04	ERJ3GEYJ220	M 22 OHM, J, 1/16W	3	
R6905	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6909	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6913	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6917	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6924	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6925, 26	J0JCC0000100	CHIP INDUCTOR	2	
R6931-34	ERJ6GEYG103	M 10KOHM, J, 1/10W	4	
R6935, 36	ERJ8GEYJ224	M 220KOHM, J, 1/8W	2	
R6938	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R6951	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6955	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6959	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6963	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6967	ERJ6GEYG221	M 220 OHM, J, 1/10W	1	
R6971	ERJ6GEYJ101V	M 100 OHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6972-74	ERJ3GEYJ220	M 22 OHM, J, 1/16W	3	
R6975, 76	J0JCC0000100	CHIP INDUCTOR	2	
R6981-84	ERJ6GEYG103	M 10KOHM, J, 1/10W	4	
R6985, 86	ERJ8GEYJ224	M 220KOHM, J, 1/8W	2	
R6989	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R7103	EXB38V220JV	RESISTOR ARRAY	1	
R7105, 06	D0GZ100JA020	M 10 OHM, J, 0.5W	2	PAVCA
R7108	EXB38V102J	RESISTOR ARRAY	1	
R7110	EXB38V220JV	RESISTOR ARRAY	1	
R7111, 12	D0GZ100JA020	M 10 OHM, J, 0.5W	2	PAVCA
R7113	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R7115-18	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7122-25	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7127	EXB38V471J	RESISTOR ARRAY	1	
R7130-33	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7135-38	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7145	EXB38V471J	RESISTOR ARRAY	1	
R7146-49	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7154-57	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7166-73	EXB38V471J	RESISTOR ARRAY	8	
R7179	D0GF472JA047	M 4.7KOHM, J, 0.33W	1	
R7183	EXB38V220JV	RESISTOR ARRAY	1	
R7184	EXB38V102J	RESISTOR ARRAY	1	
R7191, 92	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7193	J0JCC0000100	CHIP INDUCTOR	1	
R7195	EXB38V470J	RESISTOR ARRAY	1	
R7198, 99	D0GZ100JA020	M 10 OHM, J, 0.5W	2	PAVCA
R7202	EXB38V220JV	RESISTOR ARRAY	1	
R7205	EXB38V220JV	RESISTOR ARRAY	1	
R7210	EXB38V222J	RESISTOR ARRAY	1	
R7211-14	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7219	EXB38V471J	RESISTOR ARRAY	1	
R7220	ERJ3GEYJ222	M 2.2KOHM, J, 1/16W	1	
R7221-23	EXB38V471J	RESISTOR ARRAY	3	
R7224-27	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7229-32	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7240, 41	EXB38V471J	RESISTOR ARRAY	2	
R7243	EXB38V102J	RESISTOR ARRAY	1	
R7244	EXB38V222J	RESISTOR ARRAY	1	
R7245-47	EXB38V470J	RESISTOR ARRAY	3	
R7250	EXB38V470J	RESISTOR ARRAY	1	
R7251	EXB38V222J	RESISTOR ARRAY	1	
R7252	J0JCC0000100	CHIP INDUCTOR	1	
R7254-59	D0GZ100JA020	M 10 OHM, J, 0.5W	6	PAVCA
R7301-04	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7309-12	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7317-20	D0GZ100JA020	M 10 OHM, J, 0.5W	4	PAVCA
R7325	EXB38V102J	RESISTOR ARRAY	1	
R7327	EXB38V220JV	RESISTOR ARRAY	1	
R7330	EXB38V220JV	RESISTOR ARRAY	1	
R7334-39	EXB38V102J	RESISTOR ARRAY	6	
R7341	ERJ6GEYG102	M 1KOHM, J, 1/10W	1	
R7342	D0GF472JA047	M 4.7KOHM, J, 0.33W	1	
R7343	EXB38V471J	RESISTOR ARRAY	1	
R7344	EXB38V470J	RESISTOR ARRAY	1	
R7345	EXB38V471J	RESISTOR ARRAY	1	
R7346	EXB38V470J	RESISTOR ARRAY	1	
R7347	EXB38V471J	RESISTOR ARRAY	1	
R7348	EXB38V470J	RESISTOR ARRAY	1	
R7349	EXB38V471J	RESISTOR ARRAY	1	
R7350	EXB38V470J	RESISTOR ARRAY	1	
R7351	EXB38V471J	RESISTOR ARRAY	1	
R7352	EXB38V470J	RESISTOR ARRAY	1	
R7353	EXB38V471J	RESISTOR ARRAY	1	
R7354	EXB38V470J	RESISTOR ARRAY	1	
R7361	ERJ6GEYJ224	M 220KOHM, J, 1/10W	1	
R7364, 65	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R7366	J0JCC0000100	CHIP INDUCTOR	1	
R7367-72	D0GZ100JA020	M 10 OHM, J, 0.5W	6	PAVCA

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7701	ERJ3GEYJ680	M 68 OHM, J, 1/16W	1	
R7702	J0JCC0000100	CHIP INDUCTOR	1	
R7703-05	ERJ3GEYJ680	M 68 OHM, J, 1/16W	3	
R7708	J0JCC0000100	CHIP INDUCTOR	1	
R7709	ERJ3GEYJ680	M 68 OHM, J, 1/16W	1	
R7710	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R7713	J0JCC0000100	CHIP INDUCTOR	1	
R7716	J0JCC0000100	CHIP INDUCTOR	1	
R7731	J0JCC0000100	CHIP INDUCTOR	1	
R7791-96	J0JCC0000100	CHIP INDUCTOR	6	
R8001	ERJ2GEJ181	M 180 OHM, J, 0.063W	1	
R8002	ERJ2GEJ820	M 82 OHM, J, 0.063W	1	
R8003	J0JCC0000100	CHIP INDUCTOR	1	
R8004	ERJ3EKF2402	M 24KOHM, 1/16W	1	
R8005	ERJ3EKF1002	M 10KOHM, 1/16W	1	
R8006	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	
R8030	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R8031,32	ERJ3EKF2700	M 270 OHM, 1/16W	2	
R8035	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8056-73	ERJ2GEJ470	M 47 OHM, J, 0.063W	18	
R8074	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
R8075-78	ERJ2GEJ470	M 47 OHM, J, 0.063W	4	
R8081	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8082	D1BA75R0A026	M0.75KOHM, 1/10W	1	
R8083	ERJ2GEJ301	M 300 OHM, J, 0.063W	1	
R8086	ERJ2GEJ104	M 100KOHM, J, 0.063W	1	
R8087	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8090	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8091	ERJ2GEJ470	M 47 OHM, J, 0.063W	1	
R8093	ERJ2GEJ470	M 47 OHM, J, 0.063W	1	
R8094	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8097	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
R8098,99	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
R8100	ERJ2GEJ470	M 47 OHM, J, 0.063W	1	
R8101	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8106	ERJ2GEJ202	M 2KOHM, J, 0.063W	1	
R8107	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R8307,08	ERJ2GEJ470	M 47 OHM, J, 0.063W	2	
R8309	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8312	ERJ2RHD682X	M 22KOHM, J, 2W	1	
R8313,14	D0YAR0000007	M 0.0 OHM, J, 0.063W	2	
R8315	ERJ2RHD682X	M 22KOHM, J, 2W	1	
R8318,19	ERJ2GEJ101	M 100 OHM, J, 0.063W	2	
R8327,28	ERJ2RHD682X	M 22KOHM, J, 2W	2	
R8330,31	D0YAR0000007	M 0.0 OHM, J, 0.063W	2	
R8332	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
R8334	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8335	ERJ2GEJ221	M 220 OHM, J, 0.063W	1	
R8337	ERJ6GEYG102	M 1KOHM, J, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8338	ERJ3EKF1202	M 12KOHM, 1/16W	1	
R8340	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8343,44	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	
R8346	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8348	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8349,50	ERJ2GEJ332	M 3.3KOHM, J, 0.063W	2	
R8351-56	ERJ2GEJ103	M 10KOHM, J, 0.063W	6	
R8357	ERJ2GEJ220	M 22 OHM, J, 0.063W	1	
R8358	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8362-64	ERJ2GEJ103	M 10KOHM, J, 0.063W	3	
R8366	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8367	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8369	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8370	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8372	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8373	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8379	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R8380-83	ERJ2GEJ470	M 47 OHM, J, 0.063W	4	
R8395	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8500-02	ERJ2RKD330	M 33 OHM, J, 0.063W	3	
R8504	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8505	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8512	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8517-20	ERJ2RKD330	M 33 OHM, J, 0.063W	4	
R8522	ERJ2GEJ101	M 100 OHM, J, 0.063W	1	
R8523	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R8524,25	D0YAR0000007	M 0.0 OHM, J, 0.063W	2	
R8526	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R8527	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8528-32	ERJ2GEJ560	M 56 OHM, J, 0.063W	5	
R8538-45	ERJ2GEJ220	M 22 OHM, J, 0.063W	8	
R8546-48	ERJ2GEJ332	M 3.3KOHM, J, 0.063W	3	
R8550	ERJ2GEJ332	M 3.3KOHM, J, 0.063W	1	
R8552,53	ERJ2GEJ182	M 1.8KOHM, J, 0.063W	2	
R8554,55	ERJ2GEJ220	M 22 OHM, J, 0.063W	2	
R8556	ERJ2GEJ103	M 10KOHM, J, 0.063W	1	
R8557,58	ERJ2GEJ332	M 3.3KOHM, J, 0.063W	2	
R8559	ERJ2GEJ560	M 56 OHM, J, 0.063W	1	
R8560	D0YAR0000007	M 0.0 OHM, J, 0.063W	1	
R8561	ERJ2RKD330	M 33 OHM, J, 0.063W	1	
R8562,63	ERJ2GEJ103	M 10KOHM, J, 0.063W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8565	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8566	EXB28V103JX	RESISTOR ARRAY	1	
R8568	EXB28VR000X	RESISTOR ARRAY	1	
R8570	ERJ2RKD330	M 33 OHM, J,0.063W	1	
R8573	EXB28V680JX	RESISTOR ARRAY	1	
R8574	ERJ2GEJ680	M 68 OHM, J,0.063W	1	
R8575	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R8584,85	ERJ2RKD330	M 33 OHM, J,0.063W	2	
R8591	ERJ2RKD330	M 33 OHM, J,0.063W	1	
R8604	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8661	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8663	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8664	ERJ2RKD330	M 33 OHM, J,0.063W	1	
R8693	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R8721,22	ERJ2GEJ560	M 56 OHM, J,0.063W	2	
R8729	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R8764,65	ERJ3EKF75R0	M 0.75HM, 1/16W	2	
R8766	ERJ2GEJ101	M 100 OHM, J,0.063W	1	
R8767	ERJ3EKF75R0	M 0.75HM, 1/16W	1	
R8770	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8772	ERJ2GEJ103	M 10KOHM, J,0.063W	1	
R8787	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R8792	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R8796	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R8844	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R8850	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R8864	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R8865	ERJ2GEJ560	M 56 OHM, J,0.063W	1	
R8866	ERJ3EKF91R0	M 91 OHM, 1/16W	1	
R8875	ERJ2GEJ473	M 47KOHM,J,0.063W	1	
R8876-78	D0YAR0000007	M 0.0 OHM, J,0.063W	3	
R8900	D0YAR0000007	M 0.0 OHM, J,0.063W	1	
R8903,04	ERJ2GEJ473	M 47KOHM,J,0.063W	2	
R9062-67	ERJ3GEYJ101	M 100 OHM,J,1/16W	6	
R9070	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9099	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9101,02	D0GB103JA057	M 10KOHM,J,1/16W	2	
R9104,05	D0GB103JA057	M 10KOHM,J,1/16W	2	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108,09	D0GB103JA057	M 10KOHM,J,1/16W	2	
R9110	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9112	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9113	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9115,16	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R9119	EXB38V470J	RESISTOR ARRAY	1	
R9120	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9121	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9122,23	D0GB103JA057	M 10KOHM,J,1/16W	2	
R9126	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9127	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9129	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9131-33	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9134	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R9135	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9141-45	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	
R9149	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9150,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9154,55	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9156	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9158,59	D0GB103JA057	M 10KOHM,J,1/16W	2	
R9160,61	J0JCC0000100	CHIP INDUCTOR	2	
R9164,65	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R9166	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9167	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9170-72	D0GB393JA041	M 39KOHM,J,1/16W	3	
R9173,74	D0GB103JA057	M 10KOHM,J,1/16W	2	
R9177	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9181-84	D0GB102JA057	M 1KOHM,J,1/16W	4	
R9185,86	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9187,88	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9189,90	D0GB103JA057	M 10KOHM,J,1/16W	2	
R9193	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9194	J0JCC0000100	CHIP INDUCTOR	1	
R9196	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9199	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9200,01	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9203	D0GB102JA057	M 1KOHM,J,1/16W	1	
R9205	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9206,07	D0GB102JA057	M 1KOHM,J,1/16W	2	
R9215	D0GB123JA057	M 12KOHM,J,1/16W	1	
R9217-22	D0GB103JA057	M 10KOHM,J,1/16W	6	
R9223	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9225	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9237	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9240	J0JCC0000100	CHIP INDUCTOR	1	
R9317	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	
R9347,48	EXB2HV220JV	RESISTOR ARRAY	2	
R9349	EXB2HV470JV	RESISTOR ARRAY	1	
R9350,51	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9352-56	EXB2HV220JV	RESISTOR ARRAY	5	
R9357-59	EXB2HV470JV	RESISTOR ARRAY	3	
R9361,62	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9363	EXB2HV470JV	RESISTOR ARRAY	1	
R9369	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9370	D0GB103JA057	M 10KOHM,J,1/16W	1	
R9371	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9379	J0JCC0000100	CHIP INDUCTOR	1	
R9380	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9383	D0GB102JA057	M 1KOHM,J,1/16W	1	
R9384,85	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9391	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9392,93	J0JCC0000100	CHIP INDUCTOR	2	
R9396-99	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R9402	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9403	EXB2HV470JV	RESISTOR ARRAY	1	
R9501	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9503	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9506	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9507	J0JCC0000100	CHIP INDUCTOR	1	
R9512, 13	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R9514	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9516	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9518	J0JCC0000100	CHIP INDUCTOR	1	
R9520	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9523	ERJ3GEYJ472	M 4.7KOHM, J, 1/16W	1	
R9525	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9526	J0JCC0000100	CHIP INDUCTOR	1	
R9530	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9531-33	ERJ3GEYJ470	M 47 OHM, J, 1/16W	3	
R9534	EXB38V470J	RESISTOR ARRAY	1	
R9535, 36	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R9538	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9540, 41	D0GB103JA057	M 10KOHM, J, 1/16W	2	
R9543, 44	D0GB103JA057	M 10KOHM, J, 1/16W	2	
R9545	ERJ3GEYJ304	M 300KOHM, J, 1/16W	1	
R9548-50	D0GB103JA057	M 10KOHM, J, 1/16W	3	
R9552	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9553-55	J0JCC0000100	CHIP INDUCTOR	3	
R9556	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9557, 58	J0JCC0000100	CHIP INDUCTOR	2	
R9561	EXB38V222J	RESISTOR ARRAY	1	
R9562	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9563-66	EXB2HV470JV	RESISTOR ARRAY	4	
R9567	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9569	J0JCC0000100	CHIP INDUCTOR	1	
R9824-27	ERJ3GEYJ101	M 100 OHM, J, 1/16W	4	
R9828	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9839	EXB38V101JV	RESISTOR ARRAY	1	
R9840	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	
R9845	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9846, 47	EXB2HV222JV	RESISTOR ARRAY	2	
R9848, 49	EXB2HV470JV	RESISTOR ARRAY	2	
R9850	D0GB473JA057	M 47KOHM, J, 1/16W	1	
R9854	ERJ3GEYJ101	M 100 OHM, J, 1/16W	1	
R9859	EXB38V101JV	RESISTOR ARRAY	1	
R9861-63	D0GB103JA057	M 10KOHM, J, 1/16W	3	
R9868	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9869-71	D0GB103JA057	M 10KOHM, J, 1/16W	3	
R9872	J0JCC0000100	CHIP INDUCTOR	1	
R9874	J0JCC0000100	CHIP INDUCTOR	1	
R9878	ERJ3EKF1102	M 11KOHM, 1/16W	1	
R9879	ERJ3EKF1302	M 13KOHM, 1/16W	1	
R9886, 87	ERJ3EKF5602	M 56KOHM, 1/16W	2	
R9888	ERJ3EKF1102	M 11KOHM, 1/16W	1	
R9889	ERJ3EKF1742	M17.2KOHM, 1/16W	1	
R9890	ERJ3EKF4752	M47.5KOHM, 1/16W	1	
R9891	ERJ3EKF1272	M12.7KOHM, 1/16W	1	
R9892	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9893	ERJ3EKF5602	M 56KOHM, 1/16W	1	
R9894	ERJ3EKF1102	M 11KOHM, 1/16W	1	
R9895	ERJ3GEYJ104	M 100KOHM, J, 1/16W	1	
R9896	ERJ3EKF1822	M18.2KOHM, 1/16W	1	
R9897	ERJ3EKF4752	M47.5KOHM, 1/16W	1	
R9901, 02	J0JCC0000100	CHIP INDUCTOR	2	
R9903	EXB2HV470JV	RESISTOR ARRAY	1	
R9904	ERJ3GEYJ470	M 47 OHM, J, 1/16W	1	
R9905	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R9906	EXB38V470J	RESISTOR ARRAY	1	
R9907	D0GB151JA057	M 150 OHM, J, 1/16W	1	
R9908-11	J0JCC0000100	CHIP INDUCTOR	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9915-18	J0JCC0000100	CHIP INDUCTOR	4	
R9919	D0GB102JA057	M 1KOHM, J, 1/16W	1	
R9922	J0JCC0000100	CHIP INDUCTOR	1	
R9928	J0JCC0000100	CHIP INDUCTOR	1	
R9936-39	ERJ3EKF1001	M 1KOHM, 1/16W	4	
R9940	ERJ3GEYJ330	M 33 OHM, J, 1/16W	1	
R9941, 42	ERJ3GEYJ470	M 47 OHM, J, 1/16W	2	
R9943-51	EXB38V470J	RESISTOR ARRAY	9	
R9952-55	ERJ3GEYJ470	M 47 OHM, J, 1/16W	4	
R9956	D0GB103JA057	M 10KOHM, J, 1/16W	1	
R9960	J0JCC0000100	CHIP INDUCTOR	1	
R9961	D0GB103JA057	M 10KOHM, J, 1/16W	1	
RM2501	PNA4701M05TV	REMOCON RECEIVER	1	
S2	K1KA02BA0061	2P CONNECTOR	1	
SC2	K1KA02A00626	2P CONNECTOR	1	
SC20	K1KY30AA0369	30P CONNECTOR	1	
SC30	K1KA10AA0191	10P CONNECTOR	1	
SC41	K1ML80B00001	80P CONNECTOR	1	
SC43	K1ML80B00001	80P CONNECTOR	1	
SC45, 46	K1KA09AA0707	9P CONNECTOR	2	
SCMM2, M3	TMME260	CLAMPER	2	
SD1-D4	K1MN96BA0260	96P CONNECTOR	4	PAVCA
SD46	K1KB09AA0219	9P CONNECTOR	1	PAVCA
SS11	K1KA02A00626	2P CONNECTOR	1	
SS12	K1KA10AA0194	10P CONNECTOR	1	
SS21, 22	K1KA07AA00170	7P CONNECTOR	2	
SS23, 24	K1KB07AA0087	7P CONNECTOR	2	
SS33	K1KA10A00416	10P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS35	K1KA04AA0193	4P CONNECTOR	1	
SS52	K1MN13B00091	13P CONNECTOR	1	
SS54, 55	K1MN13B00091	13P CONNECTOR	2	
SS57	K1MN13B00091	13P CONNECTOR	1	
SSMM1	TMME260	CLAMPER	1	
SU1-U4	K1MN96BA0260	96P CONNECTOR	4	PAVCA
SU45	K1KB09AA0219	9P CONNECTOR	1	PAVCA
SW2500	K0F122A00172	SWITCREMOTE CONTROLH	1	
SW3754-58	EVQPC105K	SWITCH	5	
T6602	ETS25AZ179AD	SWITCHING TRANS	1	
TU8300	ENGE6602KF	TUNER	1	PAVCA △
VR6000	EVMEA00B14	CONTROL 10KOHMB 0.3W	1	
VR6600	EVMEA00B13	CONTROL 1KOHMB 0.3W	1	
VR6602	EVMEA00B53	CONTROL 5KOHMB 0.3W	1	
VR6604	EVMEA00B34	CONTROL 30KOHMB 0.3W	1	
X1100	H0J100500035	CRYSTAL	1	
X2010	H0J245500082	CRYSTAL	1	
X4500	H0J270500113	CRYSTAL	1	
X8001	H0J270500061	CRYSTAL	1	
X8300	H0J250500079	CRYSTAL	1	PAVCA
X9000	H2D100500004	CRYSTAL	1	
X9200	H0J200500038	CRYSTAL	1	
Z46001-03	K4CD01000011	AV TERMINAL	3	
Z46401-03	K4CD01000011	AV TERMINAL	3	
Z47101-06	K4AD01Z00001	TERMINAL	6	
Z47201-04	K4AD01Z00001	TERMINAL	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
ZA7301-04	K4AD01Z00001	TERMINAL	4	
ZA9001	K4CD01000011	AV TERMINAL	1	
A601, 02	RA362MSV7	ARRESTOR	2	▲
C201	KZE1H560	ELECTROLYTIC CAPACITOR	1	
C202, 03	RR3DD221K	CERAMIC CAPACITOR	2	
C204	MPEF12393H	PLASTIC FILM CAPACITOR	1	
C205	MPEF12473H	PLASTIC FILM CAPACITOR	1	
C253	MBB224K2	CERAMIC CHIP CAPACITOR	1	
C254, 55	ECQE6223KF	P 0.022UF, K, 400V	2	
C256-58	KMQ220901Z	ELECTROLYTIC CAPACITOR	3	
C301	KZE1H560	ELECTROLYTIC CAPACITOR	1	
C302, 03	RR3DD101K	CERAMIC CAPACITOR	2	
C304	MPEF12333H	PLASTIC FILM CAPACITOR	1	
C351	ECQV1H224JL	PLASTIC FILM CAPACITOR	1	
C352	KZE1E182S	C 1800UF 25V	1	
C355	ECJ2VB1H223K	C 0.022UF, K, 50V	1	
C356	MBB104K5	CERAMIC CHIP CAPACITOR	1	
C357, 58	KZE1E471L	ELECTROLYTIC CAPACITOR	2	
C401, 02	TAB104K2E	CERAMIC CHIP CAPACITOR	2	
C403	KMQ2C471H	ELECTROLYTIC CAPACITOR	1	
C404	KZE1H221	ELECTROLYTIC CAPACITOR	1	
C405	MBB224K2	CERAMIC CHIP CAPACITOR	1	
C406-08	KZE2A471S	C 470UF 100V	3	
C451	KZE1A471	ELECTROLYTIC CAPACITOR	1	
C501	ECQU2A103ML	PLASTIC FILM CAPACITOR	1	▲
C503	KMQ2W560	ELECTROLYTIC CAPACITOR	1	
C504	KZE1H560	ELECTROLYTIC CAPACITOR	1	
C505	YBB474K1	CERAMIC CHIP CAPACITOR	1	
C506	TBB106K1A	C 10U 10V	1	
C507	KZE1H221	ELECTROLYTIC CAPACITOR	1	
C508	KZE1H560	ELECTROLYTIC CAPACITOR	1	
C509	ECKENA101KBR	C 100P 250V	1	▲
C551	KZE1A471	ELECTROLYTIC CAPACITOR	1	
C552	TBB474K2	CERAMIC CHIP CAPACITOR	1	
C554	MBB103K5	CERAMIC CHIP CAPACITOR	1	
C555	KZE1E470	C 470U 25V	1	
C556	MBB103K5	CERAMIC CHIP CAPACITOR	1	
C601	ECQU2A105ML	P 1UF, 250V	1	▲
C602	ECQU2A104ML	PLASTIC FILM CAPACITOR	1	▲
C603, 04	ECKENA221KBR	C 221P 250V	2	▲
C605	DE1R102K	CERAMIC CAPACITOR	1	
C606	MMXC2W105K	C 1P 450V	1	
C608	MMXC2W105K	C 1P 450V	1	
C610	MBB224K2	CERAMIC CHIP CAPACITOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C611	KZE1H560	ELECTROLYTIC CAPACITOR	1	
C612-14	KMQ2W221L	C 220U 450V	3	
C615	ECKENA101KBR	C 100P 250V	1	▲
C620, 21	ECKENA221KBR	C 221P 250V	2	▲
C623	MPEF12223H	PLASTIC FILM CAPACITOR	1	
C624, 25	RR3AD471K	CERAMIC CAPACITOR	2	
C701	KZE1A471	ELECTROLYTIC CAPACITOR	1	
D201, 02	AG01A	DIODE	2	
D251	D4SBL40	DIODE	1	
D253	1SS355	DIODE	1	
D351	YG805C06R	DIODE	1	
D352	AG01A	DIODE	1	
D353	YG805C06R	DIODE	1	
D401	D6SBN20	DIODE	1	
D402	AG01A	DIODE	1	
D403	YG901C3R	DIODE	1	
D451	RK39	DIODE	1	
D501	B0EBKT000007	DIODE	1	▲
D504	ST3D82	DIODE	1	
D505	AG01A	DIODE	1	
D506	RF101A2S	DIODE	1	
D551	RK39	DIODE	1	
D552	1SS355	DIODE	1	
D553	B0JCMD000024	DIODE	1	
D601, 02	1SS355	DIODE	2	
D603, 04	AP01C	DIODE	2	
D605, 06	B0EAKR000059	DIODE	2	
D701	1SS355	DIODE	1	
D702	B0JCMD000024	DIODE	1	
F201	HU216005BP	CARTRIDGE FUSE	1	▲
F301	HU216005BP	CARTRIDGE FUSE	1	▲
F603	HU382T2	MICRO FUSE	1	▲
IC251	HA17431UA	INTEGRATED CIRCUIT	1	
IC351	HA17431UA	INTEGRATED CIRCUIT	1	
IC401	HA17431UA	INTEGRATED CIRCUIT	1	
IC451	PQ1CN41H2Z	VOLTAGE REGULATOR	1	
IC501	MIP3E30MP	IC	1	▲
IC551	HA17431UA	INTEGRATED CIRCUIT	1	
IP351	ERBSE0R75U	MICRO FUSE	1	
IP701	ERBSE0R75U	MICRO FUSE	1	
K601	KQ3298	RELAY	1	▲
K602	DJ5D2QT8	RELAY	1	▲
L351, 52	EXCELDR35	BEAD CHOKE	2	
L401	LH8TB681K	CHOKE	1	
L402	H221012HY	CHOKE	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404	EXCELSR35	BEAD CHOKE	1	
L451	SNK1012A	CHOKE	1	
L501	EXCELSA35	BEAD CHOKE	1	
L502, 03	EXCELDR35	BEAD CHOKE	2	
L601, 02	B3180207Z	FILTER CHOKE	2	▲
L603	ETB50CZ13GAD	CHOKE TRANS	1	
L607, 08	EXCELDR35	BEAD CHOKE	2	
MC201	MLQNF153	MODULE	1	▲
MC202	MLKJA154	MODULE	1	▲
MC203	MP00R3	MODULE	1	▲
MC301	MLQNF682	MODULE	1	▲
MC351	MLJFF103	MODULE	1	▲
MC401	MLPSC103	MODULE	1	▲

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
MC501	MLTZB100	MODULE	1	△
MC502	MLJHA103	MODULE	1	△
MC601	MLLPD103	MODULE	1	△
MC602	MP00P18	MODULE	1	△
MC603	MP00P13	MODULE	1	△
MC701	MLZDE103	MODULE	1	△
P2	B2P3-VH-B	CONNECTOR	1	
P6	B12B-EH-A	CONNECTOR	1	
P7	B11B-EH-A	CONNECTOR	1	
P9	B03P-VL	CONNECTOR	1	△
P11	B2P3-VH-B	CONNECTOR	1	
P12	B10B-PH-KS	CONNECTOR	1	
P23	B3B-PH-KS	CONNECTOR	1	
P25	B13B-PH-KS	CONNECTOR	1	
PC201,02	PS2581A	PHOTO COUPLER	2	△
PC301,02	PS2581A	PHOTO COUPLER	2	△
PC401	PS2581A	PHOTO COUPLER	1	△
PC501,02	PS2581A	PHOTO COUPLER	2	△
Q301,02	FMA16N55G	FIELD EFFECT TRANSISTOR	2	△
Q351,52	2SK2510	FIELD EFFECT TRANSISTOR	2	
Q401	2SK3607	FIELD EFFECT TRANSISTOR	1	
Q402,03	2SA1767Q1TV	TRANSISTOR	2	
Q551	HAT1130R	FET	1	
Q552	2SB710AQRSTX	TRANSISTOR	1	
Q602	2SD2185	TRANSISTOR	1	
Q603	2SB14400RL	TRANSISTOR	1	
Q701,02	2SD602A-R	TRANSISTOR	2	
Q704	2SK3018	FIELD EFFECT TRANSISTOR	1	
R201	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R202	ERQ14AJ4R7J	FUSIBLE METAL FILM RESISTOR	1	
R203,04	ERJ6GEYJ334	M 330KOHM, J,1/10W	2	
R205	ERJ6ENF1782	M17.8KOHM, 1/10W	1	
R206-08	ERJ12YJ683	M 68KOHM, 1/2W	3	
R215,16	SG732K220	CHIP RESISTOR	2	
R251-54	ERJ6ENF6802	M 68KOHM, 1/10W	4	
R258	ERJ6GEYJ220	M 22 OHM, J,1/10W	1	
R259	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
R260	ERJ6GEYF151	M 150 OHM, F,1/10W	1	
R261	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
R263	ERJ6GEYG102	M 1KOHM, J,1/10W	1	
R264	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R265	ERJ6ENF1073	M 107KOHM, 1/10W	1	
R266	ERJ6GEYF472	M 4.7KOHM, F,1/10W	1	
R267-69	ERJ6ENF1073	M 107KOHM, 1/10W	3	
R270	ERJ6GEYG103	M 10KOHM, J,1/10W	1	
R301	ERJ6GEY0R00V	M 0 OHM, 1/10W	1	
R302	ERQ14AJ4R7J	FUSIBLE METAL FILM RESISTOR	1	
R303,04	ERJ6GEYJ334	M 330KOHM, J,1/10W	2	
R305	ERJ6ENF4421	M4.42KOHM, 1/10W	1	
R306-08	ERJ12YJ683	M 68KOHM, 1/2W	3	
R309	ERG1SJ680	METAL OXIDE RESISTOR	1	
R310	ERG12SJ220	METAL OXIDE FILM RESISTOR	1	
R351	ERJ6ENF1052	M10.5KOHM, 1/10W	1	
R352	ERJ12YJ100	M 10 OHM, J, 1/2W	1	
R353	ERJ6GEY102	M 1KOHM, J,1/10W	1	
R355	ERJ6GEYG682	CHIP RESISTOR	1	
R356	ERJ6GEYG102	M 1KOHM, J,1/10W	1	
R358	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R359	ERJ6ENF2102	M 21KOHM, 1/10W	1	
R362	ERJ12YJ332	M 3.3KOHM, J, 1/2W	1	
R363,64	ERJ6GEYF333	M 33KOHM, J,1/10W	2	
R365	ERJ6ENF1052	M10.5KOHM, 1/10W	1	
R366	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R367	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R368,69	ERJ6GEYJ102	M 1KOHM, J,1/10W	2	
R370	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R371	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R403	ERJ12YJ100	M 10 OHM, J, 1/2W	1	
R404	ERJ6ENF2152	M21.5KOHM, 1/10W	1	
R405	MPC2WR10J	METAL PLATE RESISTOR	1	
R406	ERJ6ENF2152	M21.5KOHM, 1/10W	1	
R407	ERJ6GEYJ220	M 22 OHM, J,1/10W	1	
R408	ERJ6GEYJ5R6	M 5.6 OHM, J,1/10W	1	
R409	ERJ6GEYF473	M 47KOHM, J,1/10W	1	
R410	ERJ6ENF2152	M21.5KOHM, 1/10W	1	
R411,12	ERJ6GEYG152	CHIP RESISTOR	2	
R413,14	ERJ6ENF1622	M16.2KOHM, 1/10W	2	
R415	ERJ6ENF8662	CHIP RESISTOR	1	
R416	ERJ6ENF8061	M8.06KOHM, 1/10W	1	
R417-19	ERJ6ENF3572	M35.7KOHM, 1/10W	3	
R420	ERJ6ENF2870	M 287 OHM, 1/10W	1	
R451	ERJ6GEYJ102	M 1KOHM, J,1/10W	1	
R452	ERJ6GEYF124	CHIP RESISTOR	1	
R453	ERJ6GEYF473	M 47KOHM, J,1/10W	1	
R454	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R455	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R456	ERJ6ENF1332	M13.3KOHM, 1/10W	1	
R505	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
R506-11	ERJ6ENF8253	M 825KOHM, 1/10W	6	
R514-21	ERJ6ENF2703	M 270KOHM, 1/10W	8	
R522	ERJ6GEYJ180	M 18 OHM, J,1/10W	1	
R551	ERJ6GEYG121	CHIP RESISTOR	1	
R552	ERJ6GEYG222	M 2.2KOHM, J,1/10W	1	
R553	ERJ6GEYJ150	M 15 OHM, J,1/10W	1	
R555	ERJ6ENF1072	M10.7KOHM, 1/10W	1	
R556	ERJ6ENF1022	M10.2KOHM, 1/10W	1	
R557	ERJ6GEYJ223	M 22KOHM, J,1/10W	1	
R558	ERJ6GEYF473	M 47KOHM, J,1/10W	1	
R559	ERJ6GEYG332	M 3.3KOHM, J,1/10W	1	
R561	ERJ6ENF2152	M21.5KOHM, 1/10W	1	
R562	ERJ6GEYG103	M 10KOHM, J,1/10W	1	
R563,64	ERJ6GEYG221	M 220 OHM, J,1/10W	2	
R601	RCRU5J125	METAL GLAZE FIXED RESISTOR	1	△
R602	R5B100J	W 10 OHM, J, 5W	1	
R603	ERJ6ENF1693	M 169KOHM, 1/10W	1	
R604-06	ERJ6ENF1783	M 178KOHM, 1/10W	3	
R607-10	ERJ6ENF3743	CHIP RESISTOR	4	
R611	ERJ6ENF1783	M 178KOHM, 1/10W	1	
R617,18	RF5EJR15B	METAL PLATE RESISTOR	2	
R619	RF5EJR10B	METAL PLATE RESISTOR	1	
R621	ERJ6GEYJ101V	M 100 OHM, J,1/10W	1	
R622	ERJ6GEYJ103	M 10KOHM, J,1/10W	1	
R623	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R624	ERJ6GEYJ103	M 10KOHM, J,1/10W	1	
R625	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R626	ERJ6GEYJ103	M 10KOHM, J,1/10W	1	
R627	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R628	ERQ14AJ330J	FUSIBLE METAL FILM RESISTOR	1	
R629	ERJ6GEYJ154	CHIP RESISTOR	1	
R630	ERJ6ENF5902	M 59KOHM, 1/10W	1	
R631-36	ERJ6ENF1103	M 110KOHM, 1/10W	6	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R637	RCR6J825	METAL GLAZE FIXED RESISTOR	1	▲
R638	RCRU5J155	METAL GLAZE FIXED RESISTOR	1	▲
R701	ERJ6GEYG182	M 1.8KOHM, J, 1/10W	1	
R702	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R703	ERJ6GEYG182	M 1.8KOHM, J, 1/10W	1	
R704	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R706	ERJ6GEYG182	M 1.8KOHM, J, 1/10W	1	
R707	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R708	ERJ14YJ471	CHIP RESISTOR	1	
R709	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R710	ERJ6GEYG182	M 1.8KOHM, J, 1/10W	1	
R711	ERJ14YJ471	CHIP RESISTOR	1	
R712	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R713	ERJ6GEYG222	M 2.2KOHM, J, 1/10W	1	
R716	ERJ6GEYG103	M 10KOHM, J, 1/10W	1	
R717	ERJ6GEYJ474	M 470KOHM, J, 1/10W	1	
R718	ERJ6GEYG470V	M 47 OHM, J, 1/10W	1	
RF601	A5MC100JP2	139C 10	1	▲
T201	ETB50LZ15GAD	TRANSFORMER	1	▲
T301	ETB50LZ14GAD	TRANSFORMER	1	▲
T501	ETB25BG118AD	TRANSFORMER	1	▲
VR251	EVMEASA01B25	VARIABLE RESISTOR	1	
VR351	EVMEASA01B14	VARIABLE RESISTOR	1	
VR401	EVMEASA01B24	VARIABLE RESISTOR	1	
Z501	ERZVGAD471	VARISTOR	1	▲
Z601	ERZVGED751	VARISTOR	1	▲
Z602	ERZVGAD471	VARISTOR	1	▲
ZD201, 02	MAZ4270NMF	ZENER DIODE	2	
ZD301, 02	MAZ4270NMF	ZENER DIODE	2	
ZD305	MAZ4270NMF	ZENER DIODE	1	
ZD401	MA4033	ZENER DIODE	1	
ZD402	MA8360	ZENER DIODE	1	
ZD451	MA4068N	ZENER DIODE	1	
ZD501, 02	MA4300N	ZENER DIODE	2	
ZD503	MA4082N	ZENER DIODE	1	
ZD601	MA4047N	ZENER DIODE	1	